

**CUYAMACA COLLEGE  
ACADEMIC PROGRAM CHANGES  
April 2024  
for the  
2024-2025 CATALOG**

**COURSE ADDITION**

**BIOLOGY 120 – PRINCIPLES OF BIOLOGY**

**4 UNITS**

Prerequisite: None

Survey of the basic biological principles with particular emphasis on the molecular and cellular aspects of the organism. The unifying concepts of biology such as organization, metabolism, genetics and evolution are discussed. The laboratory component extends and complements the lecture with hands-on experiences that include experimental design, light microscopy, cellular biology, enzymes, data analysis and interpretation, organismal biology, genetics, systematics, and ecology. Meets transfer requirements for non-majors. (CSU) (AA/AS-B)

## COURSE MODIFICATIONS

The following reflect changes in subject designator, course number and/or title, prerequisite/corequisite/recommended preparation, units, hours, and/or course description. Other areas (e.g., course objectives, course content, student learning outcomes, etc.) may also have been modified to meet Title 5 standards (reflected as “*Review and update of course outline*”). These modifications have been carefully reviewed by the Curriculum, General Education and Academic Policies and Procedures Committee.

PRESENT	PROPOSED CHANGES TO AREAS AS INDICATED
<b>ARABIC 122 – ARABIC FOR THE ARABIC SPEAKER I</b>	<i>Review and update of course outline</i>
<b>ARABIC 123 – ARABIC FOR THE ARABIC SPEAKER II</b>	<i>Review and update of course outline</i>
<b>ARABIC 145 – ARABIC CIVILIZATIONS</b> Introduction to the major characteristics of Arabic civilization as reflected in literature, philosophy, architecture, and the arts of Arabic countries. This course may have an emphasis on a selected Arabic country or countries. This course will be taught in Arabic.	Introduction to the major characteristics of Arabic civilization as reflected in literature, philosophy, architecture, and the arts of Arabic countries. This course may have an emphasis on a selected Arabic country or countries. This course will be taught in Arabic/English.
<b>ARABIC 220 – ARABIC III</b> Continuation of Arabic II. Continues to develop oral, listening, reading and writing skills in order to acquire proficiency in Arabic. Students with four years of high school Arabic should enroll in ARBC 221.	Continuation of Arabic II. This course continues to develop oral, listening, reading, and writing skills in order to acquire proficiency in Arabic with an emphasis on building a wide range of cultural, communicative, and interactive competencies of Arabic language and culture using Modern Standard Arabic (MSA). Students with four years of high school Arabic should enroll in ARBC 221.
<b>ART 151 – CHICANX ART</b> This course is a comprehensive overview of the major influences, themes, and styles in Chicana/x Art from its emergence in the 1960s to the 21st century. Emphasis is placed on the historical, social, and cultural context of the Chicana/x Art movement and the major forces that shape artistic creation within this field. Topics include Chicana/x paintings, murals, prints, sculpture, installation, performance, and video. Students analyze the art and apply critical theory to describe critical events in the histories, cultures, and intellectual and artistic traditions of Latino/a Americans. This course is designed for all students interested in Chicana/o studies, Ethnic Studies, and for Art majors who want to explore a revolutionary contemporary art movement focused on cultural relevance, social action, and social justice, with a special focus on the lived experiences and social struggles of Latino/a Americans. <i>Also listed as ETHN 151. Not open to students with credit in ETHN 151.</i>	This course is a comprehensive overview of the major influences, themes, and styles in Chicana/x Art from its emergence in the 1960s to the 21st century. Emphasis is placed on the historical, social, and cultural context of the Chicana/x Art movement and the major forces that shape artistic creation within this field. Topics include Chicana/x paintings, murals, prints, sculpture, installation, performance, and video. Students analyze the art and apply critical theory to describe critical events in the histories, cultures, and intellectual and artistic traditions of Latino/a Americans. This course is designed for all students interested in Chicana/o studies, Ethnic Studies, and for Art majors who want to explore a revolutionary contemporary art movement focused on cultural relevance, social action, and social justice, with a special focus on the lived experiences and social struggles of Latino/a Americans.
<b>BIOLOGY 152 – PARAMEDICAL MICROBIOLOGY</b> Prerequisite: “C” grade or higher or “Pass” in BIO 130, 131 or equivalent Recommended Preparation: “C” grade or higher or “Pass” in CHEM 115 or equivalent	Prerequisite: “C” grade or higher or “Pass” in BIO 130 and 131, or equivalent Recommended Preparation: “C” grade or higher or “Pass” in CHEM 102 or equivalent
<b>HISTORY 118 – U.S. HISTORY: CHICANO/CHICANA PERSPECTIVES I</b> Historical survey of Mexican Americans in the United States in which attention is given to social, political and economic background, with an emphasis on the origins of basic American institutions and ideals. Particular emphasis on the development of Spanish-speaking peoples’ economic, social, political, and racialized experience in the United States, especially in the Southwest from the pre-contact period to the Mexican American War. <i>Also listed as ETHN 118. Not open to students with credit in ETHN 118.</i>	Historical survey of Mexican Americans in the United States in which attention is given to social, political and economic background, with an emphasis on the origins of basic American institutions and ideals. Particular emphasis on the development of Spanish-speaking peoples’ economic, social, political, and racialized experience in the United States, especially in the Southwest from the pre-contact period to the Mexican American War.
<b>HISTORY 119 – U.S. HISTORY: CHICANO/CHICANA PERSPECTIVES II</b> Historical survey of Mexican Americans in the United States in which attention is given to the social, political, and economic background, including explorations of the U.S. and California constitutions and interactions between federal, state, and local governments. Particular emphasis on the economic, social and political experiences of Mexican Americans and Latinas/os/x in the United States, including migration, colonization, racialization, discrimination, assimilation, social stratification, liberation movements, and the intersection of racial, ethnic, gender, sexual identities, especially in the Southwest from the Mexican-American War to the present. <i>Also listed as ETHN 119. Not open to students with credit in ETHN 119.</i>	Historical survey of Mexican Americans in the United States in which attention is given to the social, political, and economic background, including explorations of the U.S. and California constitutions and interactions between federal, state, and local governments. Particular emphasis on the economic, social and political experiences of Mexican Americans and Latinas/os/x in the United States, including migration, colonization, racialization, discrimination, assimilation, social stratification, liberation movements, and the intersection of racial, ethnic, gender, sexual identities, especially in the Southwest from the Mexican-American War to the present.

PRESENT	PROPOSED CHANGES TO AREAS AS INDICATED
<p><b>HISTORY 180 – U.S. HISTORY: BLACK PERSPECTIVES I</b>            United States history with an emphasis on social, economic, political and cultural experiences of Black people. Traces the development of African American history from African origins through the period of Reconstruction, with a focus on agency, resistance, self-determination, and liberation. <i>Also listed as ETHN 180. Not open to students with credit in ETHN 180.</i></p>	<p>United States history with an emphasis on social, economic, political and cultural experiences of Black people. Traces the development of African American history from African origins through the period of Reconstruction, with a focus on agency, resistance, self-determination, and liberation.</p>
<p><b>HUMANITIES 111 – CULTURE, ART, &amp; IDEAS OF THE UNITED STATES</b>            Humanities of the United States explored through film and television, music, dance, graphic novels, writing, photography, handicrafts (i.e. weaving, pottery, quilting, etc.), architecture, food, philosophy, and social institutions. Focus will be on the experiences and contributions of African Americans, Asian Americans, Latinas/os/x, Native Americans, and Middle Eastern Americans, with an emphasis on discrimination, social stratification, intersectionality, resistance, and liberation movements. <i>Also listed as ETHN 111. Not open to students with credit in ETHN 111.</i></p>	<p>Humanities of the United States explored through film and television, music, dance, graphic novels, writing, photography, handicrafts (i.e. weaving, pottery, quilting, etc.), architecture, food, philosophy, and social institutions. Focus will be on the experiences and contributions of African Americans, Asian Americans, Latinas/os/x, Native Americans, and Middle Eastern Americans, with an emphasis on discrimination, social stratification, intersectionality, resistance, and liberation movements.</p>
<p><b>NUTRITION 255 – SCIENCE OF NUTRITION</b>            Prerequisite: “C” grade or higher or “Pass” in BIO 130, 131 and CHEM 115 or 120 or equivalent</p>	<p>Prerequisite: “C” grade or higher or “Pass” in BIO 130, 131 and CHEM 120 or equivalent</p>
<p><b>SPANISH 221 – SPANISH IV</b></p>	<p><i>Review and update of course outline</i></p>
<p><b>SPANISH 250 – CONVERSATIONAL SPANISH I</b></p>	<p><i>Review and update of course outline</i></p>
<p><b>SPANISH 251 – CONVERSATIONAL SPANISH II</b></p>	<p><i>Review and update of course outline</i></p>

# DEGREE AND CERTIFICATE MODIFICATIONS

## ART

### ART HISTORY FOR TRANSFER (AA-T)

The Associate in Arts in Art History for Transfer degree prepares students to transfer to CSU campuses that offer bachelor's degrees in Art History. is designed to provide students with an understanding and an appreciation of the arts in a variety of cultures and civilizations throughout history. This degree prepares students to transfer to a California State University where a baccalaureate degree may be earned in art, art history, or a related field. Students earning the Art History AA-T will be granted priority for admission as an Art History major to a local CSU, as determined by the CSU campus to which the student applies. A bachelor's degree in Art History prepares students for employment in curatorial work for the gallery and museum system. In addition, a bachelor's degree in Art History provides a solid foundation for advanced training in the more technical areas of art restoration and conservation, as well as branches of learning that are key to the study of art at the post-graduate level, including art theory, methodology, and criticism. The Associate in Arts in Art History Transfer Degree educates students on the history of art and its function as a global language. Courses are designed to foster an understanding of visual communication by studying context, culture, social, political, economic, and religious conditions in different eras.

The following is required for the Associate in Arts in Art History for Transfer degree:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
  2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
  3. Minimum of 18 semester or 27 quarter units in the major.
  4. A grade of "C" or higher or "Pass" in all courses required for the major.
  5. Certified completion of the California State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information.
- Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.

#### Program Learning Outcomes

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

- ~~Analyze the role and development of the visual arts in past and present cultures throughout the world, noting human diversity as it relates to the visual arts and the artists.~~ Analyze and evaluate works of art, architecture, and design from various histories, periods, and global cultures to critically examine these artworks within their racial, gender, sociopolitical, ethnographical, and cultural milieu.
- ~~Analyze and derive meaning from works of art according to the elements of art, the principles of design and aesthetic qualities.~~ Analyze, interpret, and evaluate artworks to derive contextual significance according to the elements of art, the principles of design, and their aesthetic qualities.
- ~~Demonstrate how the arts help to understand the past.~~ Contextualize the role of the arts in understanding the past by analyzing and evaluating the significance and application of art historical periods, cultures, styles, genres, themes, artists, and relevant vocabulary in art and design.
- ~~Define artistic historical periods and transitions.~~

#### Associate in Arts Degree Requirements:

##### Core Curriculum:

Course	Title	Units
ART 140	Survey of Western Art I: Prehistory through Middle Ages	3
<u>or</u> ART 141	Survey of Western Art II: Renaissance through Modern	3
ART 124	Drawing I	3
ART 151	Chicanx Art	3
		<u>9</u>

##### List A

##### Select one of the following:

ART 142	Art of Africa, Oceania, and the Americas	3
ART 146	Asian Art	<u>3</u>
		3

##### List B

##### Select one of the following:

ART 120	Two-Dimensional Design	3
ART 121	Painting I	3
ART 129	Three-Dimensional Design	3
ART 135	Watercolor I	3
ART 230	Figure Drawing I	3
GD 110	Graphic Design Principles	<u>3</u>
		3

(Art continued)

### List C

#### Select one of the following:

Any List B course not already used		3
ART 143	Modern Art	3
<del>ART 144</del>	<del>Architecture of the 20th and 21st Centuries</del>	<del>3</del>
ART 145	Contemporary Art	3
HUM 110	Principles of the Humanities	3
HUM 115	Arts and Culture in Local Context - San Diego	3
HUM 116	Kumeyaay Arts and Culture	<u>3</u>
		3
	Units for the Major	18
	6-9 units may be double-counted with GE	
	Plus General Education Requirements (CSU GE or IGETC-CSU)	39/37
	Total Transferable Elective Units	9-12/11-14
	Total Units	60

## ART AND DESIGN

This degree program emphasizes aesthetics, design and craft using manual and digital mediums. Students will develop their ability to think spatially in two and three dimensions and to use creative problem-solving techniques using images and letter forms. Students will develop a professional portfolio for placement at a four-year university. Designed for students interested in pursuing a bachelor's degree in Graphic Design; please consult the catalog of the transfer institution for specific requirements. Students interested in pursuing the entry level, two-year associate degree or certificate in graphic design should refer to the Graphic Design program.

### Program Learning Outcomes

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

- Use the vocabulary of the visual arts to express their observations as they perceive and respond to works of art, objects in nature, events, and the environment;
- Apply artistic processes and skills, using a variety of media to communicate meaning and intent in original works of art;
- Analyze the role and development of the visual arts in past and present cultures throughout the world, noting human diversity as it relates to the visual arts and artists;
- Analyze, assess, and derive meaning from works of art, including their own, according to the elements of art, the principles of design, and aesthetic qualities;
- Apply what they learn in the visual arts across subject areas; develop competencies and creative skills in problem solving, communication, and management of time and resources that contribute to lifelong learning and career skills; and identify careers in and related to the visual arts.

### CAREER OPPORTUNITIES

Advertising Director<sup>1</sup>  
Advertising  
Art Director<sup>1</sup>  
Desktop Publishing  
Display Designer  
Graphic Designer  
Illustrator  
Marketing Director<sup>1</sup>  
Multimedia  
Package Designer  
Web Page Designer

<sup>1</sup>Bachelor Degree or higher required

### Associate in Arts Degree Requirements:

Course	Title	Units
ART 120	Two-Dimensional Design	3
ART 121	Painting I	3
ART 124	Drawing I	3
ART 129	Three-Dimensional Design	3
ART 140	Survey of Western Art I: Prehistory through Middle Ages	3
ART 141	Survey of Western ART II: Renaissance through Modern	<u>3</u>
		18

### Select twelve units from the following:

ART 104	Artists and Designers Today	3
ART 119	Color Theory	3
ART 177	Digital Drawing and Painting	3

(Art and Design continued)

ART 230	Figure Drawing I	3
ART 240	Portraiture and Character Design	3
ART 241	Illustration I	3
GD 105	Fundamentals of Digital Media	3
GD 110	Graphic Design Principles	3
GD 126	Adobe Photoshop Digital Imaging	<u>3</u>
		12

**Recommended Electives:**

ART 135	Watercolor I	3
ART/ <del>ETHN</del> 151	Chicanx Art	3
ART 242	Illustration II	3
BUS 110	Introduction to Business	3
GD 130	Professional Business Practices	3
GD 210	Professional Digital Photography I	3
GD 217	WEB Graphics	3
GD 222	WEB Animation	3
GD 225	Digital Illustration	3
GD 230	Graphic Design Work Experience	3
	Total Units	30
	Plus General Education Requirements	

**ART-DRAWING AND PAINTING**

This degree program is designed to provide a fundamental background in two-dimensional studio arts, emphasizing both technique and aesthetic awareness. The curriculum consists of courses in both studio techniques and art history. Students will develop their ability to control line, value, shape, color, perspective and composition in various mediums. The major provides preparation for transfer to a four-year college in fine art or a vocational area related to art.

**Program Learning Outcomes**

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

- Use the vocabulary of the visual arts to express their observations as they perceive and respond to works of art, objects in nature, events and the environment.
- Apply artistic processes and skills, using a variety of media to communicate meaning and intent in original works of art.
- Analyze the role and development of the visual arts in the past and present cultures throughout the world, noting human diversity as it relates to the visual arts and the artists.
- Analyze, access and derive meaning from works of art, including their own, according to the elements of art, the principles of design and aesthetic qualities.
- Apply what they learned in the visual arts across subject areas, develop competencies and creative skills in problem solving, communication, and management of time and resources that contribute to lifelong learning and career skills, and identify careers in and related to the visual arts.

**CAREER OPPORTUNITIES**

- Advertising Specialist<sup>1</sup>
- Antique Dealer
- Art Conservator<sup>1</sup>
- Art Therapist<sup>1</sup>
- Arts Administration
- Cartoonist
- Curator<sup>1</sup>
- Display Manager
- Fashion Designer<sup>1</sup>
- Gallery Owner
- Illustrator
- Independent Artist
- Interior Design<sup>1</sup>
- Jewelry Designer
- Museum Technician
- Painter
- Police Artist
- Set Designer
- Teacher/Professor<sup>1</sup>

<sup>1</sup> Bachelor Degree or higher required

(Art-Drawing and Painting continued)

**Associate in Arts Degree Requirements:**

<i>Course</i>	<i>Title</i>	<i>Units</i>
ART 120	Two-Dimensional Design	3
ART 121	Painting I	3
ART 124	Drawing I	3
ART 125	Drawing II	3
ART 140	Survey of Western Art I: Prehistory through Middle Ages	3
ART 141	Survey of Western Art II: Renaissance through Modern	3
ART 230	Figure Drawing I	3
GD 105	Fundamentals of Digital Media	<u>3</u>
		24

**Select six units from the following:**

ART 104	Artists and Designers Today	3
ART 119	Color Theory	3
ART 129	Three-Dimensional Design	3
ART 135	Watercolor I	3
ART 143	Modern Art	3
ART 145	Contemporary Art	3
ART 210	Introduction to Printmaking	3
ART 211	Intermediate Printmaking	3
ART 220	Painting II	3
ART 231	Figure Drawing II	3
ART 240	Portraiture and Character Design	3
ART 241	Illustration I	3
ART 242	Illustration II	<u>3</u>
		6
	Total Units	30
	Plus General Education Requirements	

**Recommended Electives:** ART 151, ~~ETHN 154~~, HIST 105, HUM 155, RELG 120

## BIOLOGICAL SCIENCES

This degree program is designed to provide a two-year transfer program with emphasis on the uniformity and diversity of life. The curriculum fulfills the lower division requirements for majors in biology, dentistry, medicine, nursing, pharmacy, environmental health, microbiology and ecology.

### Program Learning Outcomes

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

- Explain the basic structures and fundamental processes of life at the molecular, cellular, and organismal levels.
- Identify the evolutionary processes that lead to adaptation and biological diversity.
- Describe the relationship between life forms and their environment and ecosystems.
- Collect, organize, analyze, interpret and present quantitative and qualitative data and incorporate them into the broader context of biological knowledge.
- Effectively apply current technology and scientific methodologies for problem solving.
- Find, select and evaluate various types of scientific information including primary research articles, mass media sources and World Wide Web information.
- Communicate effectively in written and oral formats.

### CAREER OPPORTUNITIES

Aquatic Biologist<sup>1</sup>  
 Athletic Trainer<sup>1</sup>  
 Biologist<sup>1</sup>  
 Biochemical Engineer<sup>1</sup>  
 Biological Technician  
 Biomedical Equipment Technician  
 Biotechnologist  
 Botanist<sup>1</sup>  
 Clinical Lab Technologist  
 Cytologist<sup>1</sup>  
 Ecologist<sup>1</sup>  
 Environmental Engineer<sup>1</sup>  
 Environmental Technician  
 Environmental Microbiologist<sup>1</sup>  
 Genetic Engineering Technician  
 Greenhouse Assistant  
 Laboratory Technician  
 Physical Therapist<sup>1</sup>  
 Public Health Biologist<sup>1</sup>  
 Purification Technician  
 Research Assistant  
 Safety Specialist  
 Teacher<sup>1</sup>  
 Technical Writer  
 Waste Management Technician

<sup>1</sup>Bachelor Degree or higher required

### Associate in Science Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
<del>BIO 215</del>	<del>Statistics for Life Sciences</del>	<del>3</del>
BIO 230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO 240	Principles of Ecology, Evolution and Organismal Biology	5
CHEM 141	General Chemistry I	5
CHEM 142	General Chemistry II	5
CHEM 231	Organic Chemistry I	5
MATH 160	Elementary Statistics	4
or PSY 215	Statistics for the Behavioral Sciences	4
MATH 180	Analytic Geometry and Calculus I	5
PHYC 130	Fundamentals of Physics	4
PHYC 131	Fundamentals of Physics	4
	Total Units	<u>40-41</u>
	Plus General Education Requirements	

## ELEMENTARY EDUCATION

This degree program is designed to provide lower division preparation for transfer to San Diego State University as a Liberal Studies major. Because the degree emphasizes a strong general education approach, it may be an appropriate major for a variety of career options. Students are encouraged to refer to the San Diego State University catalog and/or consult with an academic advisor before selecting the various options listed below. Upon completion, students may request certification of lower division general education course work required by the California State University system. Students interested in transferring to another college or university should check the requirements of that institution.

### Program Learning Outcomes

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

- Demonstrate global awareness and cultural sensitivity.
- ~~Demonstrate interpersonal skills in a diverse setting.~~
- ~~Demonstrate effective communication in teaching and learning environments.~~
- ~~Demonstrate technological awareness.~~
- Be prepared to request certification of lower division general education course work required by the California State University system.
- Demonstrate effective communication and interpersonal skills in diverse teaching and learning settings.

### CAREER OPPORTUNITIES

Administrator<sup>1</sup>  
 Audiovisual Specialist  
 School Clerical Worker  
 Counselor<sup>1</sup>  
 Educational Consultant<sup>1</sup>  
 Educational Psychologist<sup>1</sup>  
 Educational Therapist<sup>1</sup>  
 Educational Writer<sup>1</sup>  
 Food Service  
 Guidance Worker<sup>1</sup>  
 Librarian<sup>1</sup>  
 Library Technician  
 Social Psychologist<sup>1</sup>  
 Speech Pathologist/Audiologist<sup>1</sup>  
 Teacher<sup>1</sup>  
 Teacher's Aide  
 Tutor

<sup>1</sup>Bachelor Degree or higher required

### Associate in Arts Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
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### COMPOSITION, ORAL COMMUNICATION, AND LITERATURE

<b>1. Composition (minimum six units):</b>		<b><u>3-6</u></b>
ENGL 120	College Composition and Reading	3
ESL 122	College Rhetoric	6
<b>Select one of the following:</b>		<b><u>3</u></b>
COMM 137	Critical Thinking in Group Communication	3
COMM 145	Argumentation	3
ENGL 124	Advanced Composition: Critical Reasoning and Writing (Preferred)	3
PHIL 125	Critical Thinking	3
PHIL 130	Logic	3
<b>2. Communication (minimum three units):</b>		
COMM 120	Interpersonal Communication	3
COMM 122	Public Speaking	3
<b>3. Literature (minimum three units):</b>		
ENGL 122	Introduction to Literature	3
<del>ENGL 270</del>	<del>World Literature I</del>	<del>3</del>
<del>ENGL 271</del>	<del>World Literature II</del>	<del>3</del>

### MATHEMATICS AND SCIENCES

(Elementary Education continued)

**4. Mathematics:**

MATH 125	Structure and Concepts of Elementary Mathematics I	3
MATH 126	Structure and Concepts of Elementary Mathematics II	3

**5. Biological Sciences:**

BIO 130	General Biology I	3
BIO 131	General Biology I Laboratory	1

**6. Physical Sciences:**

GEOL 104	Earth Science	3
<del>GEOL 121/GEOL 105</del>	<del>Physical Geography: Earth Systems Laboratory or Physical Geology: Earth Systems Laboratory</del>	<del>1</del>

**SOCIAL SCIENCE AND HISTORY**

**7. Global Perspective:**

GEOG 106	World Regional Geography	3
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**8. American Institutions (minimum six units, choose one course from each category):**

**A:**

Select one of the following:

HIST 108	Early American History	3
<del>HIST 118</del>	<del>U.S. History: Chicano/Chicana Perspectives I</del>	<del>3</del>
<del>HIST 130</del>	<del>U.S. History and Cultures: Native American Perspectives I</del>	<del>3</del>
<del>HIST 180</del>	<del>U.S. History: Black Perspectives I</del>	<del>3</del>

**B:**

Select one of the following:

HIST 109	Modern American History	3
<del>HIST 119</del>	<del>U.S. History: Chicano/Chicana Perspectives II</del>	<del>3</del>
<del>HIST 131</del>	<del>U.S. History and Cultures: Native American Perspectives II</del>	<del>3</del>
<del>HIST 181</del>	<del>U.S. History: Black Perspectives II</del>	<del>3</del>
POSC 121	Introduction to U.S. Government and Politics	3

**9. Civilizations**

HIST 100	Early World History	3
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**VISUAL AND PERFORMING ARTS/HUMANITIES**

**10. Music/Theatre:**

<del>THTR 110</del>	<del>Introduction to Theatre</del>	<del>3</del>
MUS 118	Introduction to Music	4

**11. Art/Humanities**

<del>ART 100</del>	<del>Art Appreciation</del>	<del>3</del>
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**11. 12. Human Growth and Development:**

Select one option:

**Option I:**

CD 125	Child Growth and Development	3
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**Option II:**

PSY 120	Introductory Psychology	3
<b>and</b>		
PSY 150	Developmental Psychology	3

**13. General Education/Humanities (choose one option):**

**Option I:**

<del>ARBC 121, ASL 121, FREN 121, ITAL 121 or SPAN 121</del>	<del>4-5</del>
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**Option II:**

<del>PHIL 140 or RELG 120 or RELG 130 (choose this option only if 3 years of foreign language have been taken in high school)</del>	<del>3</del>
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**Option III:**

<del>ARBC 220, ASL 220, FREN 220, ITAL 220 or SPAN 220 (choose this option only if 3 years of foreign language have been taken in high school)</del>	<del>4-5</del>
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(Elementary Education continued)

**12. Ethnic Studies:**

Select one course from each category 6

Category A.

HIST 118	U.S. History: Chicano/Chicana Perspectives I	3
HIST 119	U.S. History: Chicano/Chicana Perspectives II	3
HIST/ETHN 130	U.S. History and Cultures: Native American Perspectives I	3
HIST/ETHN 131	U.S. History and Cultures: Native American Perspectives II	3
HIST 180	U.S. History: Black Perspectives I	3
HIST 181	U.S. History: Black Perspectives II	3

Category B.

ENGL/ETHN 236	Chicana/o Literature	3
ENGL/ETHN 238	Black Literature	3
ETHN/HIST 107	History of Race & Ethnicity in the United States	3
ETHN/SOC 114	Introduction to Race & Ethnicity	3

**13. 14. Additional Requirements:**

ED 200	Teaching as a Profession	3
ES 253	Physical Education in Elementary Schools	3
HED 105	Health Education for Teachers	1
MATH 128	Children's Mathematical Thinking	2
MUS 118	Introduction to Music	4
ES Activity	(At least two courses marked with an asterisk)	2-3
	Total Required	<del>60-66</del> 61-65

**Recommended Elective:**

PSC 100†	Physical Science for Elementary Education	3
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†Offered at Grossmont College; required for major at SDSU

## ENGLISH

This major fulfills lower division requirements at most four-year colleges and universities and thus provides a broad-based foundation for transfer. For particular requirements, transfer students should consult the appropriate four-year college or university catalog. The English Department at Cuyamaca College provides students in the local community an opportunity to develop the skills a wide range of employers seek: strong communication, analytical reading, critical thinking, attention to detail, and the ability to work in diverse teams. The department encourages students to engage deeply with literature and nonfiction texts as well as other forms of cultural production, and to account for how those texts inform our ideologies, norms, and values.

### Program Learning Outcomes

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

- Communicate clearly and effectively in a variety of media and/or contexts.
- Apply discipline-specific theories about language and communication to students' own practice or work.
- Navigate norms related to communicating in diverse environments, including professional, intercultural, and/or specialized settings.
- Develop and support an original argument or interpretation with analysis of relevant evidence.
- Analyze how authors use language and/or texts to illuminate, critique, and/or shape reality.

### CAREER OPPORTUNITIES

English majors have gone on to work in a variety of fields, including communications and publishing. In fact, English majors work in virtually every profession there is. Many English majors enter the following careers:

Advertising Manager  
 Editor  
 Freelance Writer  
 Interpreter & Translator  
 Lawyer  
 Librarian  
 News Reporter  
 Paralegal  
 Public Relations Manager  
 Public Relations Specialist  
 Teacher  
 Technical Writer  
 Writer & Author

### Associate in Arts Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
ENGL 120	College Composition and Reading	3
ENGL 122	Introduction to Literature	3
ENGL 124	Advanced Composition: Critical Reasoning and Writing	3
ENGL 126	Creative Writing	3
ENGL 200	Cooperative Work Experience in English	<u>1-4</u>
		13-16

### Select two of the following:

ENGL 221	British Literature I	3
ENGL 222	British Literature II	3
ENGL 231	American Literature I	3
ENGL 232	American Literature II	3
ENGL 270	World Literature I	3
ENGL 271	World Literature II	<u>3</u>
		6

### Select one of the following:

ENGL 130	Short Fiction Writing I	3
ENGL 140	Poetry Writing I	3
ENGL 201	Women, Gender, and Sexuality in Literature	3
ENGL 202	Introduction to Film as Literature	3
ENGL 214	Masterpieces of Drama	3
ENGL 217	Fantasy and Science Fiction	3
ENGL 236	Chicana/o Literature	3
ENGL 238	Black Literature	<u>3</u>
		3

(English continued)

**Select one of the following:**

ANTH 120	Cultural Anthropology	3
COMM 110	Introduction to Mass Communication	3
COMM 124	Intercultural Communication	3
COMM 145	Argumentation	3
HIST 100	Early World History	3
HIST 101	Modern World History	3
HUM 111/ <del>ETHN 111</del>	Culture, Art & Ideas of the United States	3
HUM 115	Arts and Culture in Local Context - San Diego	3
HUM 155	World Mythology through the Humanities	3
MUS 111	History of Jazz	3
MUS 123	History of Hip-Hop Culture	3
PHIL 110	A General Introduction to Philosophy	3
SOC 114/ETHN 114	Introduction to Race & Ethnicity	<u>3</u>
		3
	Total Units	25-28
	Plus General Education Requirements	

**Recommended Electives:** Students planning to transfer to four-year institutions to complete a bachelor's degree in English are STRONGLY urged to take the following courses, depending on the requirements at those schools: Two sequential semesters of a single foreign language (10 units).

**Certificate of Achievement**

Students who complete only the major requirements above qualify for a Certificate ~~in English~~ of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

## ETHNIC STUDIES

Ethnic Studies is a dynamic academic discipline and community that provides an understanding of the history, culture, and contributions of African Americans, Asian Americans, Latino/a/x Americans, Middle Eastern Americans, and Native Americans. Courses introduce students to the concepts of race and ethnicity, how race and ethnicity intersect with other forms of identity, and the role of power and inequality in the United States. It is an interdisciplinary degree, drawing from the arts, English, history, humanities, Kumeyaay studies, political science, sociology, and others. Ethnic Studies faculty foster community and promote civic engagement and social justice through a variety of panels, presentations, and field trips.

### Program Learning Outcomes

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

- Interpret and evaluate evidence by analyzing biases, patterns, trends, and relationships.
- Evaluate and apply subject matter to students' lived experiences and current events.
- Analyze how power and privilege operate in society, through the categories of race, class, gender, ethnicity, and sexuality.
- Develop and support arguments with evidence, including academic and organic (i.e. cultural, traditional, and experiential).
- Research and explore career options and/or obtain experience in a career field.

### Associate in Arts Degree Requirements:

#### Core Curriculum:

<i>Course</i>	<i>Title</i>	<i>Units</i>
ETHN/HIST 107	History of Race and Ethnicity in the U.S.	3
<del>ETHN/HUM 111</del>	<del>Culture, Art, and Ideas of the United States</del>	<del>3</del>
ETHN/SOC 114	Introduction to Race & Ethnicity	3
ETHN 120	Introduction to Ethnic Studies	<u>3</u>
		9

#### List A: Select ~~two~~ four of the following:

<del>ETHN/HIST 118</del>	<del>U.S. History: Chicano/Chicana Perspectives I</del>	<del>3</del>
<del>ETHN/HIST 119</del>	<del>U.S. History: Chicano/Chicana Perspectives II</del>	<del>3</del>
<del>ETHN 128</del>	<del>Introduction to Chicana/o Studies</del>	<del>3</del>
ETHN/HIST 130	U.S. History and Cultures: Native American Perspectives I	3
ETHN/HIST 131	U.S. History and Cultures: Native American Perspectives II	3
ETHN 145	Introduction to Black Studies	<u>3</u>
KUMY/HIST 128	Kumeyaay History I: Precontact – 1845	3
KUMY/HIST 129	Kumeyaay History II: 1846 – Present	3
<del>ETHN/HIST 180</del>	<del>U.S. History: Black Perspectives I</del>	<del>3</del>
<del>ETHN/HIST 181</del>	<del>U.S. History: Black Perspectives II</del>	<del>3</del>
		<u>6</u>

#### List B: Select two of the following

<del>ETHN/ART 151</del>	<del>Chicanx Art</del>	<del>3</del>
ETHN/ENGL 236	Chicana/o Literature	3
ETHN/ENGL 238	Black Literature	3
<del>ETHN/POSC 165</del>	<del>Introduction to the Politics of Race and Gender</del>	<del>3</del>
KUMY/HUM 116	Kumeyaay Arts and Culture I	3
KUMY/POSC 166	Native American Politics and Policy	3
<del>ETHN/SOC 150</del>	<del>Latinx Sociology</del>	<del>3</del>
		<u>6-12</u>
	Total Units	21
	Plus General Education Requirements	

## EXERCISE SCIENCE

This degree program is designed to prepare students for a variety of careers including education, physical therapy, coaching, personal training and other allied health professions by providing classes oriented toward fitness, wellness and health promotion throughout the lifespan. The major also provides preparation for transfer to a four-year college in physical education, exercise physiology, kinesiology, nutrition or athletic training, as well as teacher credentialing programs.

### Program Learning Outcomes

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

- List and define the five basic components of physical fitness.
- Describe the concepts of frequency, intensity and time, and how they relate to personal fitness goals.
- Outline a basic strategy for achieving fitness through the lifespan.
- List options within the community for continued lifelong physical activity.
- List benefits of daily physical activity.
- Demonstrate competence in acquiring sound nutritional information.
- Demonstrate improvement in sport skills.
- Outline appropriate goals and activities for increasing the fitness of children.
- Describe appropriate preventive measures as well as treatments for various sport injuries.
- List and describe opportunities for employment in the field.
- Describe their field of interest and a course of instruction that will meet their professional needs.

### CAREER OPPORTUNITIES

Aerobics Instructor  
 Athletics Coach  
 Athletics Trainer<sup>1</sup>  
 Cardiovascular Rehabilitation<sup>1</sup>  
 College Professor<sup>1</sup>  
 Elementary School Teacher<sup>1</sup>  
 Exercise Physiologist<sup>1</sup>  
 Health Club Manager<sup>1</sup>  
 Personal Trainer  
 Physical Therapist/ Assistant<sup>1</sup>  
 Registered Dietician<sup>1</sup>  
 Secondary School Teacher<sup>1</sup>  
 Teaching<sup>1</sup>

<sup>1</sup> Bachelor Degree or higher required

### Associate in Science Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
BIO 130	General Biology I	3
BIO 131	General Biology I Laboratory	1
BIO 140	Human Anatomy	4
COMM 122	Public Speaking	3
ES 250	Introduction to Kinesiology	3
ES 255	Care and Prevention of Athletic and Recreational Injuries	3
PSY 120	Introductory Psychology	3
SOC 120	Introductory Sociology	3

#### Select one of the following:

CHEM 102	Introduction to General, Organic and Biological Chemistry	5
<del>CHEM 115</del>	<del>Fundamentals of Chemistry</del>	<del>4</del>
CHEM 120	Preparation for General Chemistry	4
CHEM 141	General Chemistry I	<u>5</u>
		4-5

#### Select one of the following:

ES 014A	Beginning Body Building	1.5
ES 014B	Intermediate Body Building	1.5
ES 014C	Advanced Body Building	1.5
ES 019A	Beginning Physical Fitness	1.5
ES 019B	Intermediate Physical Fitness	1.5
ES 019C	Advanced Physical Fitness	1.5

#### Select one of the following:

NUTR 158	Nutrition for Fitness and Sports	3
NUTR 255	Science of Nutrition <sup>1</sup>	3

(Exercise Science continued)

**Select one of the following:**

BIO 215	Statistics for Life Sciences	3
MATH 160	Elementary Statistics	4
PSY 215	Statistics for the Behavioral Sciences	4

**Select two of the following** (*fulfills the activity requirement for the associate degree*):

ES 001	Adapted Physical Exercise	1
ES 009A	Beginning Aerobic Dance Exercise	1
ES 009B	Intermediate Aerobic Dance Exercise	1
ES 009C	Advanced Aerobic Dance Exercise	1
ES 019A	Beginning Physical Fitness	1.5
ES 019B	Intermediate Physical Fitness	1.5
ES 019C	Advanced Physical Fitness	1.5
ES 028A	Beginning Yoga	1.5
ES 028B	Intermediate Yoga	1.5
ES 028C	Advanced Yoga	1.5
ES 060A	Beginning Badminton	1
ES 060B	Intermediate Badminton	1
ES 060C	Advanced Badminton	1
ES 061A	Beginning Pickleball	1
ES 061B	Intermediate Pickleball	1
ES 061C	Advanced Pickleball	1
ES 076A	Beginning Tennis	1
ES 076B	Intermediate Tennis	1
ES 076C	Advanced Tennis	1
ES 125A	Beginning Golf	1
ES 125B	Intermediate Golf	1.5
ES 125C	Advanced Golf	1.5
ES 155A	Beginning Basketball	1
ES 155B	Intermediate Basketball	1
ES 155C	Advanced Basketball	1
ES 170A	Beginning Soccer	1
ES 170B	Intermediate Soccer	1
ES 170C	Advanced Soccer	1
ES 171A	Beginning Softball	1
ES 171B	Intermediate Softball	1
ES 171C	Advanced Softball	1
ES 175A	Beginning Volleyball	1
ES 175B	Intermediate Volleyball	1
ES 175C	Advanced Volleyball	1
		<u>2-3</u>
	Total	<del>36.5-37.5</del> -39.5
	Plus General Education Requirements	

<sup>1</sup>Students planning to transfer to SDSU must take NUTR 255.

## GENERAL STUDIES: HUMANITIES AND FINE ARTS

The Associate Degree in General Studies with an Area of Emphasis provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. The degree includes general education and a focused area of study. Students may choose to earn this degree for preparation for employment or for personal development.

### REQUIREMENTS

To meet the General Studies degree requirements, a student must complete the following:

**I. AS or AA General Education Requirements** (see Degree Requirements and Transfer Information section)

**AND**

**II. Choose a minimum of 18 units**

Students must complete a minimum of three units in Humanities and three units in Fine Arts. The remaining twelve units may be taken from either category.

The Associate in Arts in General Studies with an Emphasis in Humanities and Fine Arts will be awarded to students upon completion of general education degree requirements and 18 units in this area. These courses emphasize the study of cultural, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them through artistic and cultural creation. Students will develop an aesthetic awareness and incorporate these concepts when constructing value judgments.

### Program Learning Outcomes

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

- Analyze the principle elements of representative examples of art, architecture, literature, theater, philosophy, music, dance, film, or other relevant areas of cultural and/or intellectual creativity.
- ~~Demonstrate an awareness of the historical and philosophical contexts of representative areas, movements, media, works, or styles of cultural and/or intellectual creativity.~~
- Employ the language, concepts and methods of interpretive criticism as applicable to the respective categories of human creativity.
- When applicable, apply artistic processes and skills as a creative expression, using a variety of media to communicate meaning and intent in original works of art.
- Analyze how power and privilege operate in society, through categories of race, class, gender, ethnicity, and sexuality.

### Humanities

ARAM 120, 121, 220

ARBC 120, 121, 122, 123, 130, 145, 220, 221, 250, 251, 254, 256

ART 140, 141, 142, 143, 145, 146, 151

ASL 120, 121, 140, 220, 221

ENGL 122, 201, 202, 217, 221, 222, 231, 232, 236, 238, 270, 271

ETHN ~~111, 151~~, 236, 238

HIST 100, 101, 105, 106, 114, 115, 157

HUM 110, 111, 115, 116, 117, 118, ~~120~~, 140, 155

KUMY 116, 117, 118, 120, 121, 220

PHIL 110, 115, 117, 140, 141, ~~170~~

RELG 120, ~~130, 135, 160~~, 170, 175

SPAN 120, 121, 141, 145, 220, 221, 250, 251

### Fine Arts

ART 100, 104, 119, 120, 121, 124, 125, 129, 135, 140, 141, 142, 143, ~~144~~, 145, 146, ~~148~~, 151, 210, 211, 220, 221, 222, 224, 225, 230, 231, 232, 233, 235, 236, 240, 241, 242

ETHN 151

MUS 110, 111, 115, 116, 117, 123

THTR 110

## GENERAL STUDIES: BUSINESS AND TECHNOLOGY

The Associate Degree in General Studies with an Area of Emphasis provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. The degree includes general education and a focused area of study. Students may choose to earn this degree for preparation for employment or for personal development.

### REQUIREMENTS

To meet the General Studies degree requirements, a student must complete the following:

I. **AS or AA General Education Requirements** (see Degree Requirements and Transfer Information section)

**AND**

II. Choose a minimum of 18 units

Students must take a minimum of three units from each area. The remaining units may be taken from any area.

The Associate in Science in General Studies with an Emphasis in Business and Technology will be awarded to students upon completion of general education degree requirements and 18 units in this area. These courses emphasize the study of business transaction theory and practice, the operations and strategies of business decisions, legal concepts, and the place of business in the American and global economy as a whole. Students will apply mathematical and quantitative reasoning skills to the discipline's methodologies, as well as evaluate and interpret basic economic principles and theories related to performance and specific economic sectors.

### Program Learning Outcomes

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

- Contribute to an effective and ethical organization.
- Use information technology to support effective decision making in the business organization.
- Analyze markets, economic environments and associated trends at the macro and micro levels.
- Express and apply quantitative information in order to make sound decisions and solve problems in the business environment.

### Business

BUS 109, 110, 111, 115, 120, 121, 122, 124, 125, 128, 129, 150, 155, 156, 161, 162, 176, 195

### Computer and Information Science

CIS 110, 120, 121, 125, 140, 162, 190, 191, 201, 202, 203, ~~205~~, 211, 213, 215, 219, 220, 225, 261, 263, 290, 291

### Economics

ECON 110, 120, 121

### Mathematics

MATH 121, 160, 178, 180

## GENERAL STUDIES: SCIENCE AND MATHEMATICS

The Associate Degree in General Studies with an Area of Emphasis provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. The degree includes general education and a focused area of study. Students may choose to earn this degree for preparation for employment or for personal development.

### REQUIREMENTS

To meet the General Studies degree requirements, a student must complete the following:

I. **AS or AA General Education Requirements** (see Degree Requirements and Transfer Information section)

**AND**

II. Choose a minimum of 18 units

Students must complete a minimum of three units in Science and three units in Mathematics (limitation of one statistics course). The remaining twelve units may be taken from any category.

The Associate in Science in General Studies with an Emphasis in Science and Mathematics will be awarded to students upon completion of general education degree requirements and 18 units in this area. These courses emphasize the study of mathematical and quantitative reasoning skills and apply the facts and principles that form the foundations of living and non-living systems. Students will recognize and utilize the methodologies of science as investigative tools, as well as the limitations of science. Students will use mathematical skills to solve numerical problems encountered in daily life, and more advanced skills for applications in the physical and life sciences.

### Program Learning Outcomes

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

- Solve problems using fundamentals of mathematics, engineering, natural and/or computer science.
- Utilize mathematical skills to analyze data and/or solve problems.
- ~~Use the scientific method of inquiry and techniques to answer questions about physical and biological processes.~~
- Analyze basic concepts of physical and biological science to evaluate scientific information and solve scientific problems.
- Draw scientific conclusions about simple and complex systems by collecting, assessing, and analyzing information.

### Science

ANTH 130

ASTR 110, 112

BIO 112, 115, 122, 130, 131, 133, 134, 135, 140, 141, 141L, 152, 230, 240, 251

CHEM 102, ~~115~~, 120, 141, 142, 231, 232

ET 110

GEOG 120, 121

GEOL 104, 105, 110, 111

KUMY 133, 134, 135

OCEA 112, 113

PHYC 110, 130, 131, 201, 202, 203

### Mathematics

~~BIO 215~~

MATH 160, 170, 175, 176, 178, 180, 245, 280, 281, 284, 285

PSY 215

### CADD and Engineering

CADD 115, 120, 125, 129, 131

ENGR 100, 119, 120, 125, 129, 200, 210, 218, 220, 270

### Computer Science

CS 119, 119L, 165, 181, 182, 240, 281, 282

## GENERAL STUDIES: SOCIAL AND BEHAVIORAL SCIENCES

The Associate Degree in General Studies with an Area of Emphasis provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. The degree includes general education and a focused area of study. Students may choose to earn this degree for preparation for employment or for personal development.

### REQUIREMENTS

To meet the General Studies degree requirements, a student must complete the following:

I. **AS or AA General Education Requirements** (see Degree Requirements and Transfer Information section)

**AND**

II. **Choose a minimum of 18 units**

Students must complete a minimum of three units in Social Science and three units in Behavioral Science. The remaining twelve units may be taken from either category.

The Associate in Arts in General Studies with an Emphasis in Social and Behavioral Sciences will be awarded to students upon completion of general education degree requirements and 18 units in this area. These courses emphasize the study and understanding of human behavior. Students will evaluate and interpret human societies; the institutions, organizations and groups that form them; the ways in which individuals and groups relate to one another; and various approaches and methodologies of the disciplines.

### Program Learning Outcomes

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

- Describe general principles of the political institutions and government of the United States.
- Analyze the role of social, political, and economic institutions within a historical perspective.
- Evaluate the ways people act and interact in cultures, societies and social subgroups.
- Assess how social issues are influenced by geographical and historical processes.
- Apply knowledge of social and behavioral sciences theories and scientific methods in an assessment of real-world problems.

### Social Science

ANTH 120, 140, 150, 160

ARBC 145

BIO 134

CD 145

COUN 120, 140

ECON 110, 120, 121

ETHN 107, 114, ~~118, 119, 120, 128~~, 130, 131, 145, 150, 165, 180, 181

GEND 116, 117

GEOG 106, 122, 130

HIST 100, 101, 105, 106, 107, 108, 109, 118, 119, 122, 123, 124, 128, 129, 130, 131, 148, 180, 181, 275, 276, 277

KUMY 128, 129, 150, 166, 160, 170

POSC 120, 121, 124, 130, 140, 145, 147, 148, 150, 165, 166, 170

SOC 114, 120, 125, 130, 138, 140, 150

SPAN 145

SW 170

### Behavioral Science

CD 115, 125, 131

COMM 110, 124

ES 121

HED 120, 201, 203, 204, 251

NUTR 158

PSY 120, 125, 132, 134, 138, 140, 150, 170, 201, 211, 220

## HISTORY

This degree program is useful for students preparing for careers in education teaching, the law and legal field, journalism, government service, political science, museums and archives, consulting, and research. The history program offers a diverse transfer curriculum and is committed to equity-minded teaching in an atmosphere of academic excellence. History course offerings focus on global cultures, historically-underrepresented groups in the United States, and the development of American Institutions. History courses help students develop and refine research, writing, and interpretive skills that are essential in navigating both society and their careers. History faculty create a vibrant intellectual campus culture and promote civic engagement through a variety of panels, presentations, and field trips.

### Program Learning Outcomes

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

- Interpret and evaluate evidence by analyzing biases, patterns, trends, and relationships.
- Evaluate and apply subject matter to students' lived experiences and current events.
- Analyze how power and privilege operate in society, through the categories of race, class, gender, ethnicity, and sexuality.
- Develop and support arguments with evidence, including academic and organic (i.e. cultural, traditional, and experiential).
- Research and explore career options and/or obtain experience in a career field.

### CAREER OPPORTUNITIES

Anthropologist<sup>1</sup>  
 Archaeologist<sup>1</sup>  
 Archivist<sup>1</sup>  
 Attorney  
 Editor<sup>1</sup>  
 Education Administrator<sup>1</sup>  
 History Professor/Historian<sup>1</sup>  
 Judicial Law Clerk<sup>1</sup>  
 Law Professor<sup>1</sup>  
 Legislative Assistant<sup>1</sup>  
 Legal Arbitrator, Mediator, and Conciliator<sup>1</sup>  
 Museum Curator<sup>1</sup>  
 Political Science Professor<sup>1</sup>  
 Politician  
 Research Historian<sup>1</sup>  
 Reporter, Correspondent<sup>1</sup>  
 Secondary School (K-12) Teacher<sup>1</sup>  
 Social Worker<sup>1</sup>  
 Writer, Author, Editor<sup>1</sup>

<sup>1</sup>Bachelor Degree (B.A.) or higher required

### Associate in Arts Degree Requirements:

Select twelve units from any two of the following sequences:

<i>Course</i>	<i>Title</i>	<i>Units</i>
HIST 100 & HIST 101	Early World History Modern World History	6
HIST 105 & HIST 106	Early Western Civilization Modern Western Civilization	6
HIST 108 & HIST 109	Early American History Modern American History	6
		12

### List A: Select one of the following:

HIST/ETHN 107	History of Race & Ethnicity in the United States	3
HIST/ <del>ETHN</del> 118	U.S. History: Chicano/Chicana Perspectives I	3
HIST/ <del>ETHN</del> 119	U.S. History: Chicano/Chicana Perspectives II	3
HIST/KUMY 128	Kumeyaay History I: Precontact - 1845	3
HIST/KUMY 129	Kumeyaay History II: 1846- Present	3
HIST/ETHN 130	U.S. History and Cultures: Native American Perspectives I	3
HIST/ETHN 131	U.S. History and Cultures: Native American Perspectives II	3
HIST/ <del>ETHN</del> 180	U.S. History: Black Perspectives I	3
HIST/ <del>ETHN</del> 181	U.S. History: Black Perspectives II	3

(History continued)

**List B: Select one of the following:**

HIST 114	Comparative History of the Early Americas	3
HIST 115	Comparative History of the Modern Americas	3
HIST 122	Women in Early American History	3
HIST 123	Women in Modern American History	3
HIST 124	History of California	3
HIST 148	The Modern Middle East	3
<del>ETHN</del> /HUM 111	Culture, Art, & Ideas of the United States	3
HUM 115	Arts and Culture in Local Context-San Diego	3
KUMY/HUM 116	Kumeyaay Arts and Culture I	3
POSC 140	Introduction to California Government and Politics	3
KUMY/POSC 166	Introduction to Native American Politics and Policy	3
POSC 140	Introduction to California Governments and Politics	3
Any course from List A not selected		<u>3</u>
		6
Total Units		18
Plus General Education Requirements		

## MUSIC EDUCATION

This degree program offers lower division preparation for students who want to pursue a bachelor's degree in music education and a California teaching credential in music. The primary emphasis is to prepare students for transfer to four-year music education programs.

### Program Learning Outcomes

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

- Analyze a musical score to determine its key, harmonic structure, musical style, and form.
- Use the piano keyboard to demonstrate musical concepts and play intermediate level compositions.
- Use a digital audio workstation to record and edit digital audio files and notate musical ideas.
- Identify musical elements in performances and relate them to their cultural and historical contexts.
- Describe the typical duties of a secondary school music teacher.
- Use either the voice or a musical instrument to perform an intermediate level work with reliable technique and appropriate stylistic interpretation.
- Perform musical works in a large vocal or instrumental ensemble.

### CAREER OPPORTUNITIES

Arranger<sup>1</sup>  
 Choral Director<sup>1</sup>  
 Composer<sup>1</sup>  
 Conductor<sup>1</sup>  
 Copyist  
 Critic<sup>1</sup>  
 Instrumentalist  
 Music Instructor/Professor<sup>1</sup>  
 Music Librarian<sup>1</sup>  
 Music Therapist<sup>1</sup>  
 Music Typographer  
 Performer, Vocalist  
 Radio Programmer  
 Recording Company Representative  
 Teacher<sup>1</sup>

<sup>1</sup>Bachelor Degree or higher required

### Associate in Arts Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
MUS 105	Music Theory and Practice I	4
MUS 106	Music Theory and Practice II	4
MUS 110	Great Music Listening	3
MUS 116	Introduction to World Music	3
MUS 119	Cooperative Work Experience in Music Education	1
MUS 120	Introduction to Music Technology	3
MUS 126	Class Guitar I	2
MUS 132	Class Piano I	3
MUS 133	Class Piano II	3
MUS 170	Class Voice	2
MUS 190	Performance Studies	.5
MUS 191	Performance Studies	.5
MUS 232	Class Piano III	3
MUS 233	Class Piano IV	3
MUS 290	Performance Studies	.5
MUS 291	Performance Studies	<u>.5</u>

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### Select four of the following:

MUS 108	Rock, Pop and Soul Ensemble	1
MUS 109	Rock, Pop and Soul Ensemble	1
MUS 152	Concert Band	1
MUS 153	Concert Band	1
MUS 158	Chorus	1
MUS 159	Chorus	1
MUS 208	Rock, Pop and Soul Ensemble	1
MUS 209	Rock, Pop and Soul Ensemble	1
MUS 252	Concert Band	1
MUS 253	Concert Band	1
MUS 258	Chorus	1
MUS 259	Chorus	1

(Music Education continued)

MUS 260	Conducting	1
MUS 262	Woodwind Methods	1
MUS 263	Brass Methods	1
MUS 272	String Methods	1
MUS 273	Percussion Methods	1
	Total Units	4
	Plus General Education Requirements	40

# ORNAMENTAL HORTICULTURE

## LANDSCAPE ARCHITECTURE

The Landscape Architecture major provides students with a multi-disciplined, project-based approach to landscape architecture for residential, public, and commercial sites. The curriculum covers the current trends in design and technologies in construction of the projects. Course work is designed to provide employable technical skill training in the field and provides foundation for students who plan to transfer to four-year degree programs in Landscape Architecture. Students earning an associate degree in Landscape Architecture are eligible to take the Landscape Architecture Registration Exam to achieve state licensure after completing requisite apprenticeship. Graduates may be employed by landscape architects, landscape contractors, public agencies, or may be self-employed.

### Program Learning Outcomes

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

- Perform work-related functions according to current industry standards.
- Assess and resolve work-related problems using current industry-specific tools and resources.
- Communicate effectively to prospective clients, managers and coworkers in a workplace setting.
- Abide by industry and government regulations regarding occupational health and safety, and/or environmental standards.

### Associate in Science Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
<del>CADD 120</del>	<del>Introduction to Computer Aided Drafting and Design</del>	<del>3</del>
CADD/OH 200	Introduction to Computer Aided Landscape Design	3
OH 102	Xeriscape: Water Conservation in the Landscape	2
OH 120	Fundamentals of Ornamental Horticulture	3
OH 150	Landscape Architecture I	3
OH 151	Landscape Architecture II	3
OH 170	Plant Materials: Trees and Shrubs	3
OH 220	Landscape Construction: Concrete and Masonry	3
OH 235	Principles of Landscape Irrigation	4
OH 290	Cooperative Work Experience Education <sup>1</sup>	<u>3</u>
		27

Select one of the following:

ART 140	Survey of Western Art I: Prehistory through Middle Ages	3
ART 141	Survey of Western Art II: Renaissance through Modern	3
<del>ART 144</del>	<del>Architecture of the 20<sup>th</sup> Century</del>	<del>3</del>
		3

Select four units (minimum) from the following:

OH 180	Plant Materials: Annuals and Perennials	3
OH/CADD 201	Advanced Computer-Aided Landscape Design	3
OH 221	Landscape Construction: Irrigation and Carpentry	3
OH 222	Japanese Garden Design and Construction	1
OH 225	Landscape Contracting	3
OH 255	Sustainable Urban Landscape Principles and Practices	2
OH 263	Urban Forestry	<u>1</u>

4-6

Total Units 34-36

Plus General Education Requirements

<sup>1</sup>Student must complete six units within the major at Cuyamaca College to be eligible for this course.

### Certificate of Achievement

Students who complete only the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

## REAL ESTATE

In the Real Estate curriculum, special attention is given to the California Department of Real Estate license requirements. This degree program is designed to prepare students for employment in real estate or related fields. It also meets the educational requirements for the California Real Estate Broker License and helps prepare the student for both the salesperson and broker state examinations. Most real estate classes also meet educational requirements for appraisal licensing.

### Program Learning Outcomes

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

- Differentiate and describe the essential elements and legal effects of various real estate documents, steps in an escrow, real estate financing and investment, and real estate valuation techniques.
- Differentiate and describe how to conduct oneself in a professional and ethical manner in any real estate office.

### CAREER OPPORTUNITIES

Appraiser<sup>1</sup>  
 Broker  
 Builder/Developer  
 Economist<sup>2</sup>  
 Escrow Officer/Trust Manager  
 Investor  
 Lender/Financial Institution  
 Property Manager  
 Salesperson  
 Title Officer

California Bureau of Real Estate Appraisers License required<sup>1</sup>

Bachelor Degree or higher required<sup>2</sup>

### Associate in Science Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
RE 190	Real Estate Principles	3
RE 191	Real Estate Practice	3
RE 192	Real Estate Finance	3
RE 193	Real Estate Legal Aspects	3
RE 194	Real Estate Appraisal	<u>3</u>
		15

### Select three of the following including one Accounting course:

BUS 110	Introduction to Business <sup>1</sup>	3
BUS 120	Financial Accounting	4
<b>or</b>		
BUS 109	Elementary Accounting	3
RE 197	Real Estate Economics	3
RE 201	Real Estate Property Management	3
RE 250	Real Estate Internship <sup>1</sup>	1-4
Elective (select one elective from below)		<u>3</u>
		7-11

### Electives:

BUS 125	Business Law: Legal Environment of Business	<del>3</del>
RE 204	Real Estate Office Administration	<del>3</del>

Total Units	22-26
Plus General Education Requirements	

<sup>1</sup>Non-Department of Real Estate licensing course

### Certificate of Achievement

Students who complete only the major requirements above qualify for a Certificate of Achievement. ~~in Real Estate.~~ An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

## SOCIAL WORK

This degree offers lower division preparation for students who wish to pursue a bachelor's degree in social work. The program is designed to prepare students for transfer to four-year social work programs. The Cuyamaca College Associate in Arts in Social Work prepares students to further enhance their education, seek employment in various social service settings, or both. Students who complete the program are eligible to transfer to four-year colleges or universities to continue their education toward advanced degrees and potential licensure in Social Work or related fields.

This program offers students coursework focused on skill development around core competencies for generalist practice, including assessment methods, treatment planning, case management, writing/documentation, critical thinking, ethical and professional behavior, advocacy, social justice, cultural competence and techniques for working with individuals, communities, and institutions.

### Program Learning Outcomes

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

- ~~• Apply critical thinking to the research, effects and planning in the field and practice of social work.~~
- ~~• Investigate social worker duties in dealing with a wide variety of difficult social situations including discrimination, oppression, maltreatment, poverty and injustice.~~
- ~~• Analyze various situations and determine the proper role of a social worker and the various factors influencing the situation.~~
- Identify and analyze barriers and issues faced by under-represented and vulnerable communities through the lenses of cultural competence and trauma-informed care.
- Apply critical thinking skills to case management, crisis intervention, and theory-based assessment to understand and support positive interactions between individuals and their environments.
- Facilitate use of community resources, community linkages and government assistance programs which support social work practices in diverse environments.
- Apply knowledge of biopsychosocial factors that affect human development and behavior across life span to case management strategies and approaches.
- Identify diverse roles of social workers in micro, mezzo and macro levels of practice and evaluate own's professional identity and skills.

### CAREER OPPORTUNITIES

Administration<sup>1</sup>

Child Welfare<sup>1</sup>

Clinical:

Counseling, Therapy<sup>1</sup>

Community Organizations:

Advocacy, Politics, Education<sup>1</sup>

Criminal Justice/Corrections<sup>1</sup>

Developmental Disabilities<sup>1</sup>

Gerontology<sup>1</sup>

Health Care<sup>1</sup>

Occupational:

Counseling<sup>1</sup>

Organizational Development<sup>1</sup>

Teaching<sup>1</sup>

Wellness Promotion<sup>1</sup>

Human Resources<sup>1</sup>

Public Welfare:

Social Work<sup>1</sup>

Research<sup>1</sup>

<sup>1</sup>Bachelor degree or higher recommended

### Associate in Arts Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
BIO 130	General Biology I	3
ECON 120	Principles of Macroeconomics	3
<b>or</b>		
ECON 121	Principles of Microeconomics	3
HED 201	Introduction to Public Health	3
MATH 160	Elementary Statistics	4
<b>or</b>		
PSY 215	Statistics for the Behavioral Sciences	4
<del><b>or</b></del>		
<del>BIO 215</del>	<del>Statistics for Life Sciences</del>	<del>3</del>
PSY 120	Introductory Psychology	3
SOC 120	Introductory Sociology	3
SW 110	Social Work Fields of Service	3

(Social Work continued)

SW 120

Introduction to Social Work  
Total Units  
Plus General Education Requirements

3  
24-25

## UNIVERSITY STUDIES: HUMANITIES AND FINE ARTS

The Associate Degree in University Studies with an Area of Emphasis is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor. The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

### REQUIREMENTS:

#### I. California State University (CSU) General Education Breadth

1. Complete CSU General Education Breadth (see Degree Requirements and Transfer Information section).
2. Earn a grade of "C" or better in 30 of the required 39 semester units of general education to include all courses in Area A and the Mathematical/Quantitative Reasoning courses in Area B.
3. Credit earned through external examinations, i.e., AP, will be applied towards general education in accordance with Cuyamaca College policies. Please note: This may be different than how the external exam is used on a CSU certification.
4. Complete a minimum of 18 units in an Area of Emphasis (listed below).
5. Complete a minimum of 60 degree applicable CSU transferable semester units.
6. Earn a cumulative GPA of 2.0 in all college course work completed.
7. Meet Cuyamaca College residence requirements for graduation (see Admission Information).

or

#### II. Intersegmental General Education Transfer Curriculum (IGETC) for CSU or UC

1. Complete IGETC Certification (see Degree Requirements and Transfer Information section).
2. Earn a grade of "C" or better in all IGETC courses.
3. Credit earned through external examinations, i.e., AP, will be applied in accordance with Cuyamaca College policies. Please note: This may be different than how the external exam is used on an IGETC certification.
4. Complete a minimum of 18 units in an Area of Emphasis (listed below).
5. Complete a minimum of 60 degree applicable UC transferable semester units for UC University Studies.
6. Earn a cumulative GPA of 2.0 in all college course work completed.
7. Meet Cuyamaca College residence requirements for graduation (see Admission Information).

and

Choose a minimum of 18 units. Students must complete a minimum of three units in Humanities and three units in Fine Arts. The remaining twelve units may be taken from either category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the associate degree. Courses that are not UC-transferable will not be used in the UC University Studies Area of Emphasis Degrees. Completion of the University Studies degree does not guarantee admission to a four-year institution.

Courses for the Associate in Arts in University Studies with an Emphasis in Humanities and Fine Arts focus on the study of cultural, humanistic activities, and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them through artistic and cultural creation. Students will develop an aesthetic awareness and incorporate these concepts when constructing value judgments. Students completing this area may be interested in the following baccalaureate majors: art, humanities, music, philosophy, religious studies, and theatre arts.

### Program Learning Outcomes

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

- Analyze the principle elements of representative examples of art, architecture, literature, theater, philosophy, music, dance, film, or other relevant areas of cultural and/or intellectual creativity.
- ~~Demonstrate an awareness of the historical and philosophical contexts of representative areas, movements, media, works, or styles of cultural and/or intellectual creativity.~~
- Employ the language, concepts and methods of interpretive criticism as applicable to the respective categories of human creativity.
- When applicable, apply artistic processes and skills as a creative expression, using a variety of media to communicate meaning and intent in original works of art.
- Analyze how power and privilege operate in society, through categories of race, class, gender, ethnicity, and sexuality.

### Humanities

ARAM 120, 121, 220

ARBC 120, 121, 122, 123, 130, 145, 220, 221, 254, 256<sup>1</sup>

ART 140, 141, 142<sup>1</sup>, 143, 145, 146, 151

ASL 120, 121, 140, 220, 221

ENGL 122, 201, 202, 217, 221, 222, 231, 232, 236, 238, 270, 271

ETHN ~~111~~, 151, 236, 238

HIST 100, 101, 105, 106, 114, 115, 157<sup>1</sup>

(University Studies: Humanities and Fine Arts continued)

HUM 110, 111, 115, 116, 117, 118, ~~120~~, 140, 155

KUMY 116, 117, 118, 120, 121, 220

PHIL 110, 115, 117, 140, 141, ~~170~~

RELG 120, ~~130~~, 135<sup>1</sup>, ~~160~~, 170, 175<sup>1</sup>

SPAN 120, 121, 141, 145, 220, 221, 250, 251

**Fine Arts**

ART 100, 104<sup>1</sup>, 119<sup>1</sup>, 120, 124, 125, 129, 140, 141, 142<sup>1</sup>, 143, ~~144~~, 145, 146, ~~148~~<sup>1</sup>, ~~151~~, 210<sup>1</sup>, 211<sup>1</sup>, 241, 242

~~ETHN 151~~

MUS 110, 111, 115, 116, 117, 123

THTR 110

<sup>1</sup>Course not UC transferable

## UNIVERSITY STUDIES: SCIENCE AND MATHEMATICS

The Associate Degree in University Studies with an Area of Emphasis is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor. The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

### REQUIREMENTS:

#### I. California State University (CSU) General Education Breadth

1. Complete CSU General Education Breadth (see Degree Requirements and Transfer Information section).
2. Earn a grade of "C" or better in 30 of the required 39 semester units of general education to include all courses in Area A and the Mathematical/Quantitative Reasoning courses in Area B.
3. Credit earned through external examinations, i.e., AP, will be applied towards general education in accordance with Cuyamaca College policies. Please note: This may be different than how the external exam is used on a CSU certification.
4. Complete a minimum of 18 units in an Area of Emphasis (listed below).
5. Complete a minimum of 60 degree applicable CSU transferable semester units.
6. Earn a cumulative GPA of 2.0 in all college course work completed.
7. Meet Cuyamaca College residence requirements for graduation (see Admission Information).

### OR

#### II. Intersegmental General Education Transfer Curriculum (IGETC) for CSU or UC

1. Complete IGETC Certification (see Degree Requirements and Transfer Information section).
2. Earn a grade of "C" or better in all IGETC courses.
3. Credit earned through external examinations, i.e., AP, will be applied in accordance with Cuyamaca College policies. Please note: This may be different than how the external exam is used on an IGETC certification.
4. Complete a minimum of 18 units in an Area of Emphasis (listed below).
5. Complete a minimum of 60 degree applicable UC transferable semester units for UC University Studies.
6. Earn a cumulative GPA of 2.0 in all college course work completed.
7. Meet Cuyamaca College residence requirements for graduation (see Admission Information).

### AND

Choose a minimum of 18 units. Students must complete a minimum of three units in Science and three units in Mathematics (limitation of one statistics course). The remaining twelve units may be taken from either category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the associate degree. Courses that are not UC-transferable will not be used in the UC University Studies Area of Emphasis Degrees. Completion of the University Studies degree does not guarantee admission to a four-year institution.

Courses for the Associate in Science in University Studies with an Emphasis in Science and Mathematics focus on the study of mathematical and quantitative reasoning skills and the application of facts and principles that form the foundations of living and non-living systems. Students will recognize and utilize the methodologies of science as investigative tools, as well as the limitations of science. Students will use mathematical skills to solve numerical problems encountered in daily life, as well as more advanced skills for applications in the physical and life sciences. Students completing this area may be interested in the following baccalaureate majors: astronomy, biological sciences, chemistry, computer science, engineering, geography, geology, mathematics, oceanography, physical science, and physics.

### Program Learning Outcomes

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

- Utilize high level mathematical skills to analyze data and/or solve problems.
- ~~Use the scientific method of inquiry and techniques to answer questions about physical and biological processes.~~
- Analyze concepts of physical and biological science to evaluate scientific information and solve scientific problems.
- Draw scientific conclusions about simple and complex systems by collecting, assessing, and analyzing information.

### Science

ANTH 130

ASTR 110, 112

BIO 115, 122, 130, 131, 133, 134, 135<sup>±</sup>, 140, 141, 141L, 152<sup>±</sup>, 230, 240, 251

CHEM 102, ~~115~~, 120, 141, 142, 231, 232

CS 119, 119L, 181, 182, 281, 282

GEOG 120, 121

GEOL 104, 105, 110, 111

KUMY 133, 134, 135

OCEA 112, 113

PHYC 110, 130, 131, 201, 202, 203

(University Studies: Science and Mathematics continued)

**Mathematics**

~~BIOL 215~~

MATH 160, 170<sup>1</sup>, 175, 176, 178, 180, 245, 280, 281, 284, 285

PSY 215

<sup>1</sup>Course not UC transferable

## UNIVERSITY STUDIES: SOCIAL AND BEHAVIORAL SCIENCES

The Associate Degree in University Studies with an Area of Emphasis is intended to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each four-year transfer institution, courses used to complete this degree should be selected with the assistance of a counselor. The completion of the University Studies Degree does not guarantee acceptance into either a baccalaureate major or a four-year institution.

### REQUIREMENTS:

#### I. California State University (CSU) General Education Breadth

1. Complete CSU General Education Breadth (see Degree Requirements and Transfer Information section).
2. Earn a grade of "C" or better in 30 of the required 39 semester units of general education to include all courses in Area A and the Mathematical/Quantitative Reasoning courses in Area B.
3. Credit earned through external examinations, i.e., AP, will be applied towards general education in accordance with Cuyamaca College policies. Please note: This may be different than how the external exam is used on a CSU certification.
4. Complete a minimum of 18 units in an Area of Emphasis (listed below).
5. Complete a minimum of 60 degree applicable CSU transferable semester units.
6. Earn a cumulative GPA of 2.0 in all college course work completed.
7. Meet Cuyamaca College residence requirements for graduation (see Admission Information).

or

#### II. Intersegmental General Education Transfer Curriculum (IGETC) for CSU or UC

1. Complete IGETC Certification (see Degree Requirements and Transfer Information section).
2. Earn a grade of "C" or better in all IGETC courses.
3. Credit earned through external examinations, i.e., AP, will be applied in accordance with Cuyamaca College policies. Please note: This may be different than how the external exam is used on an IGETC certification.
4. Complete a minimum of 18 units in an Area of Emphasis (listed below).
5. Complete a minimum of 60 degree applicable UC transferable semester units for UC University Studies.
6. Earn a cumulative GPA of 2.0 in all college course work completed.
7. Meet Cuyamaca College residence requirements for graduation (see Admission Information).

and

Choose a minimum of 18 units. Students must complete a minimum of three units in Social Science and three units in Behavioral Science. The remaining twelve units may be taken from either category.

While 18 units are required in a specific area to meet the requirements of the degree, it is strongly recommended that as many lower division preparation for the major courses as possible be completed at the community college prior to transfer. Some baccalaureate majors and four-year institutions require a higher GPA than is necessary for the associate degree. Courses that are not UC-transferable will not be used in the UC University Studies Area of Emphasis Degrees. Completion of the University Studies degree does not guarantee admission to a four-year institution.

Courses for the Associate in Arts in University Studies with an Emphasis in Social and Behavioral Sciences focus on the study and understanding of human behavior. Students will evaluate and interpret human societies; the institutions, organizations, and the groups that form them; the ways in which individuals and groups relate to one another; and various approaches and methodologies of the disciplines. Students completing this area may be interested in the following baccalaureate majors: anthropology, child development, education, history, nutrition, political science, psychology, social work, and sociology.

### Program Learning Outcomes

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

- Describe general principles of the political institutions and government of the United States.
- Analyze the role of social, political, and economic institutions within a historical perspective.
- Evaluate the ways people act and interact in cultures, societies and social subgroups.
- Assess how social issues are influenced by geographical and historical processes.
- Apply knowledge of social and behavioral sciences theories and scientific methods in an assessment of real-world problems.

### Social Science

ANTH 120, 140, 150, 160

BIO 134

COUN 120, 140

ECON 110, 120, 121

ETHN 107, 114, ~~118, 119~~, 120<sup>1</sup>, 128<sup>1</sup>, 130, 131, 145<sup>1</sup>, ~~150, 165, 180, 181~~

GEND 116<sup>1</sup>, 117<sup>1</sup>

GEOG 106, 130

HIST 100, 101, 105, 106, 107, 108, 109, 118, 119, 122, 123, 124, 128, 129, 130, 131, 148, 180, 181, 275, 276, 277

KUMY 128, 129, 150, 160<sup>1</sup>, 166, 170<sup>‡</sup>

(University Studies: Social and Behavioral Sciences continued)

POSC 120, 121, 124, 130, 140, 145<sup>‡</sup>, 147<sup>‡</sup>, 148<sup>‡</sup>, 150<sup>‡</sup>, 165, 166, 170  
SOC 114, 120, 125, 130, 138, 150, 140  
SPAN 145  
SW 170<sup>‡</sup>

**Behavioral Science**

CD 115, 125, 131, 145

COMM 110, 124

ES 121<sup>1</sup>

HED 120, 201, 203, 204, 251<sup>1</sup>

PSY 120, 125, 132, 134, 138, 140, 150, 170, 201<sup>1</sup>, 211, 220

<sup>1</sup>Course not UC-transferable