

# ASSOCIATE DEGREE IN GENERAL STUDIES PATTERNS II AND III

## Associate Degree in General Studies Patterns II and III

### About the Associate in Arts (AA) Degree in General Studies Pattern II

This pattern is intended for students who are planning to transfer to a four-year university in high-unit majors or when completion of the CSU GE-Breadth (<http://catalog.vcccd.edu/ventura/transfer-information/transfer-csu/#csugebreadthcoursestext>) or IGETC (<http://catalog.vcccd.edu/ventura/transfer-information/transfer-uc/#igetccoursestext>) patterns is not appropriate or advisable. (See [www.assist.org](http://www.assist.org) or a college counselor for guidance.) Independent or out-of-state universities may also fall in this category.

### About the Associate in Arts (AA) Degree in General Studies Pattern III

This pattern is intended for students who are planning to transfer to a California public four-year university (UC (<http://catalog.vcccd.edu/ventura/transfer-information/transfer-uc/>) or CSU (<http://catalog.vcccd.edu/ventura/transfer-information/transfer-csu/>)) and wish to use the CSU GE-Breadth (<http://catalog.vcccd.edu/ventura/transfer-information/transfer-csu/#csugebreadthcoursestext>) or IGETC (<http://catalog.vcccd.edu/ventura/transfer-information/transfer-uc/#igetccoursestext>) to fulfill their lower-division general education (GE) requirement.

#### Note:

A single course may be used to fulfill a general education requirement, a graduation or competency requirement, and a requirement in an area of emphasis, but the units may only count once toward the 60 units required for the Associate Degree and for transfer. A single course may not be used to fulfill more than one GE requirement or more than one emphasis requirement.

### Requirements for the Associate in Arts (AA) Degree in General Studies Patterns II and III

- Choose an area of emphasis from one of four Ventura College area-of-emphasis lists below.
  - Complete the courses required for that area of emphasis (a minimum of 18 semester units of degree-applicable college credit coursework). Courses for the area of emphasis must be completed with a grade of "C" or better or "P" if the course is taken on a "pass-no pass" basis (Title 5 § 55063 (<https://govt.westlaw.com/calregs/Document/I0A0D2703ECD14733B411676D23F9752F/>)). Even though a "P" is allowed, it is recommended that students complete all coursework in the area of emphasis for a letter grade ("A," "B," or "C"). **Note:** Universities have limitations on the number of units that may be taken on a "pass-no pass" basis and therefore it is strongly recommended that students take all coursework in the area of emphasis for a letter grade. Most universities also have limitations on the number of general education units that may be completed on a "pass/no pass" basis.
- Complete the applicable general education pattern:
  - For the Associate in Arts (AA) Degree in General Studies Pattern II ONLY:  
**Select and complete courses from the general education pattern of a transfer institution to include, at a minimum, the following Title 5 requirements:**
    - Natural Sciences (3 units),
    - Social and Behavioral Sciences (3 units),
    - Arts and Humanities (3 units),
    - Language and Rationality–English Composition (3 units),
    - Communication and Analytical Thinking (3 units), and
    - 3 additional units from any of the above areas.
  - For the Associate in Arts (AA) Degree in General Studies Pattern III ONLY:  
**Complete the CSU GE-Breadth pattern or the IGETC pattern.**  
**Note:** Students who complete CSU GE-Breadth or IGETC need to apply for GE certification in the Counseling Office and may also be able to apply for a Certificate of Achievement.
- Complete local graduation requirements to include:
 

Course ID	Title	Units/ Hours
<b>Health Education</b>		
Select at least 3 units from the following courses:		3
CD V24	Child Nutrition, Health, and Safety	
COUN V01	College Success	
EAC V01	Strategies for Success in College and Life	
EMS V10 & V10L	Emergency Medical Technician and Emergency Medical Technician Clinical Practicum	
HED V01	Health and Wellness	
HED V02	Health and Wellness: Designed for Women	
HED V03	Fundamentals of Nutrition and Fitness	
HED V04	Health and Wellness: Designed for Men	
HED V20	Introduction to Public Health	
HED V24	Drugs, Health, and Society	
HED V70	Spiritual Health	
HED V71	Survey of Alternative and Integrative Medicine	
HED V73	Introduction to Holistic Health and Healing	
HED V76	Managing Stress	
HED V87	Nutrition	
HS V10	Certified Nurse Assistant	

KIN V80	First Aid, Safety, AED, and CPR for the Professional
KIN V81	Fundamentals of Kinesiology
NS V40	Patient-Centered Care III and Transition to Professional Practice <sup>1</sup>
NS V41	Patient-Centered Care III and Transition to Professional Practice: 30-UO <sup>1</sup>
PM V01	Paramedic Theory <sup>1</sup>
<b>Physical Education/Kinesiology</b>	
Select one of the following courses (no unit minimum): 1-3	
DANC V03	
DANC V04	
DANC V10A	Modern I
DANC V10B	Modern II
DANC V10C	Modern III
DANC V10D	Modern IV
DANC V13A	Tap I
DANC V13B	Tap II
DANC V13C	Tap III
DANC V13D	Tap IV
DANC V14	Movement for the Theatre
DANC V15A	Ballet I
DANC V15B	Ballet II
DANC V15C	Ballet III
DANC V15D	Ballet IV
DANC V23	Ballroom Dance
DANC V27	Street Dance
DANC V29A	Jazz I
DANC V29B	Jazz II
DANC V29C	Jazz III
DANC V29D	Jazz IV
DANC V30A	Dance Performance I
DANC V30B	Dance Performance II
DANC V30C	Dance Performance III
DANC V30D	Dance Performance IV
DANC V50A	Composition I
DANC V50B	Composition II
DANC V50C	Composition III
DANC V50D	Composition IV
EAC V21	
EAC V26	
ICA V02	Intercollegiate Baseball
ICA V03	Intercollegiate Basketball: Men
ICA V04	Intercollegiate Basketball: Women
ICA V05	Intercollegiate Cross-Country: Men
ICA V06	Intercollegiate Cross-Country: Women
ICA V07	Intercollegiate Football
ICA V08	Intercollegiate Golf
ICA V13	Intercollegiate Soccer: Women
ICA V14	Intercollegiate Softball: Women
ICA V15	Intercollegiate Swimming and Diving: Men

ICA V16	Intercollegiate Swimming and Diving: Women
ICA V17	Intercollegiate Tennis: Men
ICA V18	Intercollegiate Tennis: Women
ICA V19	Intercollegiate Track and Field: Men
ICA V20	Intercollegiate Track and Field: Women
ICA V22	Intercollegiate Volleyball: Women
ICA V23	Intercollegiate Water Polo: Men
ICA V24	Intercollegiate Water Polo: Women
ICA V25	Intercollegiate Beach Volleyball: Women
ICA V30A	Off-season Conditioning for Athletes I
ICA V30B	Off-season Conditioning for Athletes II
ICA V31A	Pre-season Conditioning for Athletes I
ICA V31B	Pre-season Conditioning for Athletes II
ICA V36	Spring Intercollegiate Basketball
ICA V69	Spring Intercollegiate Football
KIN V02	Swimming I
KIN V03	Swimming II
KIN V04	Swimming III
KIN V06	Swimming IV
KIN V10	Aerobic and Strength Training
KIN V12	Bicycle Conditioning: Spinning
KIN V13	Advanced Spinning/Interval Training
KIN V14	Step Aerobics
KIN V16	Aerobic Kickboxing
KIN V18	Cardiovascular Fitness: Machine Training
KIN V19	Indoor Cross Fitness Training
KIN V20	Walking to Restore Fitness
KIN V21	Fitness Walking/Jogging
KIN V22	Running for Fitness
KIN V23	Advanced Running/Interval Training
KIN V24	Life Fitness
KIN V26	Weight Training and Conditioning: Free Weights
KIN V28	Conditioning: Designed for Women
KIN V33	Body Conditioning Boot Camp
KIN V40A	Basketball I
KIN V40B	Basketball II
KIN V44A	Tennis I
KIN V44B	Tennis II
KIN V46A	Volleyball I
KIN V46B	Volleyball II
KIN V48A	Soccer I
KIN V48B	Soccer II
KIN V50A	Aikido I
KIN V50B	Aikido II
KIN V52	Self-Defense and Assault Prevention
KIN V70A	Yoga I
KIN V70B	Yoga II
KIN V72	Stress Reduction Activities
KIN V74A	Core Balance and Fitness
KIN V74B	Advanced Core Balance and Fitness

KIN V76A	Tai Chi I
KIN V76B	Tai Chi II
THA V14	Movement for the Theatre
<b>Ethnic/Gender Studies</b>	
Select at least 3 units from the following courses: 3	
AES V01	Native Peoples of North America
AES V02A	United States History: Focus on Native Americans to Reconstruction
AES V02B	United States History: Focus on Native Americans Since the Civil War
AES V03	Chicana Contemporary Issues
AES V10	Introduction to African and Pre-Columbian Art
AES V11	Racial&Ethnic Group Relations
AES V20	Introduction to Chicano Studies
AES V21A	The Heritage of Mexico to the First Republic
AES V21B	The Heritage of Mexico Since Liberation
AES V22	United States History: Focus on Chicanos since 1850
AES V23	Chicana/o/x and Latina/o/x Studies Issues
AES V24	Sociology of the Chicano Community
AES V40A	United States History: Focus on African Americans to Reconstruction
AES V40B	United States History: Focus on African Americans Since Reconstruction
AES V41	African American Experience
AES V42A	African History to 1800
AES V42B	African History since 1800
AES V47	United States History: Focus on Chicanos to 1850
AES V63	United States History: Focus on Asian Americans
AES V65	
AES V66	
ANTH V02	Cultural Anthropology
ANTH V04	Native Peoples of North America
ANTH V06	Sex, Gender, and Culture
ART V03	Introduction to African and Pre-Columbian Art
ART V07	Introduction to Women in the Arts
ART V08	Introduction to Asian Art
ART V09A	Art of the Ancient Americas
ART V09B	Introduction to Modern and Contemporary Latin American Art
CD V05	Teaching in a Diverse Society
CHST V01	Introduction to Chicano Studies
CHST V02	Chicana/o/x and Latina/o/x Studies Issues
CHST V03	Chicana Contemporary Issues
CHST V24	Sociology of the Chicano Community
CJ V03	Community Relations and Diversity
COMM V12	Intercultural Communication

ENGL V33	Introduction to African American Literature
ENGL V34	Introduction to Chicana/o Literature
ENGL V35	Introduction to Multicultural American Literature
ENGL V36	Women in Literature
GEOG V02	Introduction to Human Geography
HIST V13	African American Experience
HIST V32	United States History: Focus on Women to 1860
HIST V43	United States History: Focus on African Americans to Reconstruction
HIST V44	History of the Americas to 1821
HIST V45	United States History: Focus on Native Americans to Reconstruction
HIST V47	United States History: Focus on Chicanos to 1850
HIST V48	The Heritage of Mexico to the First Republic
HIST V50	United States History: Focus on Asian Americans
HIST V51	United States History: Focus on African Americans Since Reconstruction
HIST V53	United States History: Focus on Women since 1860
HIST V54	History of the Americas since 1763
HIST V55	United States History: Focus on Native Americans Since the Civil War
HIST V57	The Heritage of Mexico Since Liberation
HIST V58	United States History: Focus on Chicanos since 1850
HIST V73	African History to 1800
HIST V78	History of Modern Middle East
HIST V79	Introduction to the History of East Asia
HIST V83	African History since 1800
MUS V03	Introduction to World Music
MUS V07	History of Jazz
POLS V11	Government & Politics of Mexico
POLS V14	Global Studies
PSY V30	Multicultural Psychology
PSY V32	Psychology of Women
SOC V03	Racial&Ethnic Group Relations
SOC V04	Sociology of Gender Roles
SOC V24	Sociology of the Chicano Community

**Total Units** 7-9

<sup>1</sup> Enrollment Limitation: Applicable to students who are admitted into the Associate Degree in Nursing and Associate Degree in Paramedic Programs only

- Satisfactorily complete at least 60 semester units of degree-applicable college coursework (including general education, area of emphasis, and, if needed, free electives).
- Demonstrate competency in reading, written expression, and mathematics as defined in Title 5 § 55063

(<https://govt.westlaw.com/calregs/Document/IOA0D2703ECD14733B411676D23F9752F/>) for the appropriate catalog year.

**Note:** Courses used to fulfill the CSU GE-Breadth or IGETC requirements in Mathematical and Written Communication or English Composition will fulfill the mathematics and written expression requirements.

- Achieve a cumulative grade point average (GPA) of 2.0 or better in degree-applicable college credit coursework.
- Complete a minimum of 12 semester units in residence at the college granting the degree. Exceptions to the residency requirement can be made by the VCCCD Board of Trustees when injustice or undue hardship would result.
- Apply for the Associate Degree in the Counseling Office by the published deadline dates. All of the student's official transcripts and test scores (such as AP, IB, or CLEP) must be on file with the Admissions and Records office.

## Areas of Emphasis for Patterns II and III Offered at Ventura College

At the time of catalog publication, a student may earn the following General Studies AA Patterns II and III (Area of Emphasis) degrees at Ventura College:

### Arts and Humanities Emphasis

The Arts and Humanities area of emphasis will examine the cultural activities and artistic expressions of human beings. The courses are designed to develop students' awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation and to develop students' aesthetic understanding and ability to make value judgments. This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for areas within the fields of:

- Fine Arts
- Performing Arts
- English
- Ethnic Studies
- Foreign Languages
- Music, and
- Philosophy

Course ID	Title	Units/ Hours
<b>Select at least 18 units from the following courses:</b>		
AES V10/ART V03	Introduction to African and Pre-Columbian Art	3
AES V65/ART V08	Introduction to Asian Art	3
AES V66/ART V09B	Introduction to Modern and Contemporary Latin American Art	3
ART V01	Art Appreciation	3
ART V02A	Introduction to the History of Western Art I	3
ART V02B	Introduction to the History of Western Art II	3
ART V02D	Art of the Ancient Mediterranean	3
ART V04	Introduction to Renaissance and Baroque Art	3
ART V05	Introduction to American Art	3

ART V06	Introduction to Modern Art	3
ART V07	Introduction to Women in the Arts	3
ART V09A	Art of the Ancient Americas	3
ART V11A	Color and Design: Two-Dimensional Design	3
ART V12A	Drawing and Composition I	3
ART V19	Three-Dimensional Design	3
ART V51A	Beginning Ceramics I	3
ART V68	Introduction to Digital Art	3
ART V71	Graphic Design: Typography	3
ART V72	Introduction to Graphic Design	3
ART/PHOT V73A	Digital Imaging	3
ASL V01	Elementary American Sign Language I	4
ASL V02	Elementary American Sign Language II	4
COMM V01	Introduction to Speech Communication	3
COMM V03	Group Communication	3
COMM V05	Oral Interpretation and Communication of Literature	3
COMM V10	Critical Thinking in Oral Communication: Argumentation and Debate	3
COMM V12	Intercultural Communication	3
COMM V15	Interpersonal Communication	3
COMM V16	Introduction to Mass Communications	3
DANC V01	Dance Appreciation	3
DANC V02	Dance History	3
DANC V10A	Modern I	2
DANC V13A	Tap I	2
DANC/THA V14	Movement for the Theatre	2
DANC V15A	Ballet I	2
DANC V23	Ballroom Dance	2
DANC V27	Street Dance	2
DANC V29A	Jazz I	2
DANC V50A	Composition I	2
ENGL V01B	Critical Thinking and Composition Through Literature	4
ENGL V10	Creative Writing	3
ENGL/FILM V12	Introduction to Media Writing	3
ENGL V15	Introduction to Poetry	3
ENGL V16	Introduction to Fiction	3
ENGL V18	Children's Literature and Film	3
ENGL V21A	British Literature before 1800	3
ENGL V21B	British Literature since 1800	3
ENGL V22A	American Literature: Colonial Period to 1865	3
ENGL V22B	American Literature: 1865 to Present	3
ENGL V23	Introduction to Dramatic Literature	3
ENGL V26	Introduction to Shakespeare and Film	3
ENGL V29A	Aesthetics of Film I	3
ENGL V29B	Aesthetics of Film II	3
ENGL V30	World Literature: Antiquity to 1650	3
ENGL V31	World Literature: 1650 to Present	3
ENGL V33	Introduction to African American Literature	3
ENGL V34	Introduction to Chicana/o Literature	3

ENGL V35	Introduction to Multicultural American Literature	3
ENGL V36	Women in Literature	3
FILM V01	Introduction to Media Aesthetics and Cinematic Arts	3
FILM V10	Contemporary American Cinema	3
FILM V11	History of International Cinema: World War II to the Present	3
FREN V01	Elementary French I	5
FREN V02	Elementary French II	5
GERM V01	Elementary German I	5
GERM V02	Elementary German II	5
ITAL V01	Elementary Italian I	5
ITAL V02	Elementary Italian II	5
JAPN V01	Elementary Japanese I	5
JAPN V02	Elementary Japanese II	5
MUS V01	Fundamentals of Music	3
MUS V02A & V02AL	Music Theory I and Musicianship I	3+1
MUS V02B & V02BL	Music Theory II and Musicianship II	3+1
MUS V02C & V02CL	Music Theory III and Musicianship III	3+1
MUS V02D & V02DL	Music Theory IV and Musicianship IV	3+1
MUS V03	Introduction to World Music	3
MUS V06	History of Rock and Roll	3
MUS V07	History of Jazz	3
MUS V08	Music Appreciation	3
MUS V09A	Western Music History and Literature I: Antiquity to 1750	3
MUS V09B	Western Music History and Literature II: 1750 to the Present	3
MUS V39	Introduction to Music Technology	3
PHIL V01	Introduction to Philosophy	3
PHIL V02	Introduction to Ethics	3
PHIL V03A	Survey of World Religions: East	3
PHIL V03B	Survey of World Religions: West	3
PHIL V04	Introduction to Logic	3
PHIL V05	Critical Thinking and Analytical Writing	3
PHIL V09	Zen Buddhism	3
PHIL V10	World Mythology	3
PHOT V01	Beginning Photography	3
PHOT V02	Digital Studio	3
PHOT V07	History of Photography	3
SPAN V01	Elementary Spanish I	5
SPAN V02	Elementary Spanish II	5
SPAN V03	Intermediate Spanish I	5
SPAN V03S	Spanish Heritage Language I	5
SPAN V04	Intermediate Spanish II	5
SPAN V04S	Spanish Heritage Language II	5
THA V01	Introduction to Theatre	3
THA V02A	Acting I	3
THA V02B	Acting II	3

THA V03A	Voice and Articulation I	3
THA V05A	Stagecraft I	3
THA V06A	Makeup I	3
THA V20	Costume Design and History	3
THA V22A	Costume Technology I	3
THA V28	Introduction to Cinema	3
THA V29A	History of Motion Pictures I	3
THA V29B	History of Motion Pictures II	3
THA V30A	Screenwriting I	3
THA V31A	Acting for Film and Television I	3
<b>Required Major Total:</b>		<b>18</b>
<b>GE Pattern:</b>		<b>37-39</b>
<b>Double Counting:</b>		<b>(0-18)</b>
<b>Electives:</b>		<b>3-21</b>
<b>Total Units:</b>		<b>60</b>

### Liberal Studies Emphasis

The courses that fulfill the Liberal Studies area of emphasis will examine a diverse array of academic disciplines providing a breadth of knowledge necessary to prepare students in the subject matter required for a multiple subject teaching credential in elementary or special education. In addition, the coursework is designed to enable students to explore:

- how knowledge across multiple disciplines is interrelated
- think critically and creatively
- write and speak clearly, coherently, and thoughtfully
- read, understand, and evaluate all forms of text
- evaluate the positive value and essential role of diversity
- and formulate their own goals for continued learning and inquiry based on a foundation of intellectual curiosity.

Students pursuing this area of emphasis should follow the CSU GE-Breadth pattern, not IGETC, to satisfy the general education requirements.

Course ID	Title	Units/Hours
<b>Select at least 18 units from the following courses:</b>		
ART V01	Art Appreciation	3
BIOL V01	Principles of Biology	3
BIOL V01L	Principles of Biology Laboratory	1
CD V02	Child Growth and Development	3
CD V03	Human Development	3
CD V05	Teaching in a Diverse Society	3
CD V24	Child Nutrition, Health, and Safety	3
CD V61	Child, Family, and Community	3
CD V62	Principles and Practices in Early Childhood Education	3
CD V63	Introduction to Curriculum in Early Childhood Education	3
COMM V01	Introduction to Speech Communication	3
COMM V10	Critical Thinking in Oral Communication: Argumentation and Debate	3
DANC V01	Dance Appreciation	3
EDU V03	Introduction to Elementary Teaching	3
EDU V08	Children's Art within a Multicultural Perspective	3

EDU V09	Dance and Music for Transitional Kindergarten through the Elementary Years	3
EDU V10	Literacy in Diverse Classrooms	3
ENGL V01A	English Composition	4
ENGL V01B	Critical Thinking and Composition Through Literature	4
ENGL V01C	Critical Thinking and Writing	3
ENGL V18	Children's Literature and Film	3
ENGL V21A	British Literature before 1800	3
ENGL V21B	British Literature since 1800	3
ENGL V22A	American Literature: Colonial Period to 1865	3
ENGL V22B	American Literature: 1865 to Present	3
ENGL V34	Introduction to Chicana/o Literature	3
GEOG V02	Introduction to Human Geography	3
GEOG V08	World Regional Geography	3
GEOL V02	Physical Geology	3
GEOL V02L	Physical Geology Laboratory	1
GEOL V09	Earth Science with Laboratory	4
HIST V46	United States History to 1877	3
HIST V59	History of California	3
HIST V76	World History to 1550	3
MATH V38	Mathematics for Elementary School Teachers	3
MUS V08	Music Appreciation	3
PHIL V04	Introduction to Logic	3
PHIL V05	Critical Thinking and Analytical Writing	3
PHSC V01	Concepts in Physical Science	4
POLS V01	American Government	3
POLS V03	Introduction to Political Science	3
PSY V05	Introduction to Developmental Psychology	3
THA V01	Introduction to Theatre	3
<b>Required Major Total:</b>		<b>18</b>
<b>GE Pattern:</b>		<b>37-39</b>
<b>Double Counting:</b>		<b>(0-18)</b>
<b>Electives:</b>		<b>3-23</b>
<b>Total Units:</b>		<b>60</b>

### Natural Sciences or Mathematics Emphasis

The courses that fulfill the Natural Sciences or Mathematics area of emphasis will examine the physical universe, its life forms and the measurement of natural phenomena. The courses are designed to develop students' appreciation and understanding of the scientific method, along with mathematical evaluation, and to encourage an understanding of the relationships between science/mathematics and other human activities. This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for areas including but not limited to:

- Allied Health
- Biology
- Chemistry
- Environmental Science
- Geological Sciences
- Geography

- Health Sciences
- Mathematics
- Nursing
- Physics, and
- related disciplines.

Course ID	Title	Units/Hours
<b>Select at least 18 units from the following courses:</b>		
AG V04	Introduction to Soil Science	3
AG V06	Introduction to Plant Science (with Laboratory)	3
AG V22	Introduction to Plant Pathology: Insects and Diseases of Plants	3
AG V30	Plant Propagation and Production	3
AG V42	Plant Identification and Culture: Spring Specimens	3
AG V43	Plant Identification and Culture: Fall Specimens	3
AG V61	Introduction to Animal Science	3
AG V66	Anatomy and Physiology of Animals	4
ANAT V01	Human Anatomy	4
ANPH V01	Introduction to Human Anatomy and Physiology	5
ANTH V01	Biological Anthropology	3
ANTH V01L	Biological Anthropology Laboratory	1
ANTH V35	Introduction to Forensic Science	3
ANTH V35L	Introduction to Forensic Science Laboratory	1
ANTH V36	Forensic Anthropology	3
AST V01	Elementary Astronomy	3
AST V01L	Elementary Astronomy Laboratory	1
BIOL V01	Principles of Biology	3
BIOL V01L	Principles of Biology Laboratory	1
BIOL V03	Evolution, Ecology, and Organismal Biology	5
BIOL V04	Cell and Molecular Biology	5
BIOL V10	Introduction to Environmental Issues	3
BIOL V12	Human Biology	3
BIOL V14	Field Biology	4
BIOL V18	Human Heredity	3
BIOL V29	Marine Biology	3
BIOL V29L	Marine Biology Laboratory	1
CHEM V01A	General Chemistry I	3
CHEM V01AL	General Chemistry I Laboratory	2
CHEM V01B	General Chemistry II	3
CHEM V01BL	General Chemistry II Laboratory	2
CHEM V12A	General Organic Chemistry I	3
CHEM V12AL	General Organic Chemistry I Laboratory	2
CHEM V12B	General Organic Chemistry II	3
CHEM V12BL	General Organic Chemistry II Laboratory	2
CHEM V20	Elementary Chemistry	4
CHEM V20L	Elementary Chemistry Laboratory	1
CHEM V21	Introduction to Organic and Biochemistry	3

CHEM V21L	Introduction to Organic and Biochemistry Laboratory	2
CHEM V30	Chemistry for Health Sciences	4
CHEM V30L	Chemistry for Health Sciences Laboratory	1
CJ V35	Introduction to Forensic Science	3
CJ V35L	Introduction to Forensic Science Laboratory	1
CJ V36	Forensic Anthropology	3
CS V11	Programming Fundamentals	3
CS V17	Discrete Structures	3
CS V30	Beginning C++	3
CS V40	Beginning Java	3
ESRM V01	Introduction to Environmental Issues	3
ESRM V02	Introduction to Environmental Science	3
ESRM V14	Conservation of Natural Resources	3
GEOG V01	Elements of Physical Geography	3
GEOG V01L	Elements of Physical Geography Laboratory	1
GEOG V05	Introduction to Weather and Climate	3
GEOL V02	Physical Geology	3
GEOL V02L	Physical Geology Laboratory	1
GEOL V03	Historical Geology	3
GEOL V03L	Historical Geology Laboratory	1
GEOL V09	Earth Science with Laboratory	4
GEOL V11	Introduction to Oceanography	3
MATH V04	College Algebra	4
MATH V05	Plane Trigonometry	3
MATH V20	Precalculus Mathematics	5
MATH V21A	Calculus with Analytic Geometry I	5
MATH V21B	Calculus with Analytic Geometry II	5
MATH V21C	Multivariable Calculus	5
MATH V22	Introduction to Linear Algebra	3
MATH V23	Introduction to Differential Equations	3
MATH V38	Mathematics for Elementary School Teachers	3
MATH V40	Exploration of Mathematical Ideas	3
MATH V44	Elementary Statistics	4
MATH V46	Applied Calculus	4
MATH V52	Discrete Structures	3
MICR V01	General Microbiology	4
PHSC V01	Concepts in Physical Science	4
PHSO V01	Human Physiology	4
PHYS V01	Elementary Physics	5
PHYS V02A & V02AL	General Physics I: Algebra/Trigonometry-Based and General Physics I Laboratory: Algebra/Trigonometry-Based	4+1
PHYS V02B & V02BL	General Physics II: Algebra/Trigonometry-Based and General Physics II Laboratory: Algebra/Trigonometry-Based	4+1
PHYS V03A & V03AL	General Physics I: Calculus-Based and General Physics I Laboratory: Calculus-Based	4+1

PHYS V03B & V03BL	General Physics II: Calculus-Based and General Physics II Laboratory: Calculus-Based	4+1
PHYS V04 & V04L	Mechanics for Scientists and Engineers and Mechanics Laboratory for Scientists and Engineers	4+1
PHYS V05 & V05L	Electricity and Magnetism for Scientists and Engineers and Electricity and Magnetism Laboratory for Scientists and Engineers	4+1
PHYS V06 & V06L	Optics, Heat, and Modern Physics: For Scientists and Engineers and Optics, Heat, and Modern Physics Laboratory for Scientists and Engineers	4+1
PSY V03	Introduction to Biological Psychology	3
PSY V04	Introductory Statistics for the Social and Behavioral Sciences	4
<b>Required Major Total:</b>		<b>18</b>
<b>GE Pattern:</b>		<b>37-39</b>
<b>Double Counting:</b>		<b>(0-10)</b>
<b>Electives:</b>		<b>3-15</b>
<b>Total Units:</b>		<b>60</b>

### Social and Behavioral Sciences Emphasis

The courses that fulfill the Social and Behavioral Sciences area of emphasis will examine people as members of society. The courses are designed to:

- develop students' awareness of the method of inquiry used by the social and behavioral sciences
- to stimulate critical thinking about the ways people respond to their societies; and
- to promote appreciation of how societies and social subgroups operate.

This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for majors in, but not limited to:

- Anthropology
- Economics
- Ethnic Studies
- Geography
- History
- Political Science
- Psychology, and
- Sociology

Course ID	Title	Units/Hours
<b>Select at least 18 units from the following courses:</b>		
AES V01/ANTH V04	Native Peoples of North America	3
AES V02A/HIST V45	United States History: Focus on Native Americans to Reconstruction	3
AES V02B/HIST V55	United States History: Focus on Native Americans Since the Civil War	3
AES/CHST V03	Chicana Contemporary Issues	3
AES V11/SOC V03	Racial and Ethnic Group Relations	3
AES V20/CHST V01	Introduction to Chicano Studies	3

AES V21A/HIST V48	The Heritage of Mexico to the First Republic	3	ECON V01B	Principles of Microeconomics	3
AES V21B/HIST V57	The Heritage of Mexico Since Liberation	3	ESRM V03/POLS V12	Introduction to Environmental Policy and Natural Resource Management	3
AES V22/HIST V58	United States History: Focus on Chicanos since 1850	3	FILM V11	History of International Cinema: World War II to the Present	3
AES V23/CHST V02	Chicana/o/x and Latina/o/x Studies Issues	3	GEOG V02	Introduction to Human Geography	3
AES/CHST V24	Sociology of the Chicano Community	3	GEOG V06	Geography of California	3
AES V40A/HIST V43	United States History: Focus on African Americans to Reconstruction	3	GEOG V08	World Regional Geography	3
AES V40B/HIST V51	United States History: Focus on African Americans Since Reconstruction	3	HED V20	Introduction to Public Health	3
AES V41/HIST V13	African American Experience	3	HED V22	Health and Social Justice	3
AES V42A/HIST V73	African History to 1800	3	HED V24	Drugs, Health, and Society	3
AES V42B/HIST V83	African History since 1800	3	HIST V16	United States History: Focus on Foreign Relations	3
AES/HIST V47	United States History: Focus on Chicanos to 1850	3	HIST V32	United States History: Focus on Women to 1860	3
AES V63/HIST V50	United States History: Focus on Asian Americans	3	HIST V44	History of the Americas to 1821	3
AG V01	Agriculture and Society: Agriculture as the Foundation for Modern Civilization	3	HIST V46	United States History to 1877	3
AG V10	Introduction to Agriculture Business	3	HIST V53	United States History: Focus on Women since 1860	3
AG V11	Agricultural Sales and Communication	3	HIST V54	History of the Americas since 1763	3
AG V12	Agriculture Economics	3	HIST V56	United States History since 1877	3
ANTH V02	Cultural Anthropology	3	HIST V59	History of California	3
ANTH V03	Introduction to Archaeology	3	HIST V70	Introduction to Western Civilization to the Scientific Revolution	3
ANTH V05	Linguistic Anthropology: Culture and Communication	3	HIST V76	World History to 1550	3
ANTH V06	Sex, Gender, and Culture	3	HIST V78	History of Modern Middle East	3
ANTH V07	The Anthropology of Magic, Witchcraft, and Religion	3	HIST V79	Introduction to the History of East Asia	3
BUS V17	Computer Applications	3	HIST V82	Introduction to Western Civilization since the Scientific Revolution	3
BUS V30	Introduction to Business	3	HIST V86	World History Since 1550	3
BUS V33	Business Law	3	HIST V87	Introduction to the History of Science and Technology	3
BUS V45	Business Communications	3	MATH V21A	Calculus with Analytic Geometry I	5
CD V02	Child Growth and Development	3	MATH V40	Exploration of Mathematical Ideas	3
CD V05	Teaching in a Diverse Society	3	MATH V44	Elementary Statistics	4
CD V24	Child Nutrition, Health, and Safety	3	MATH V46	Applied Calculus	4
CD V61	Child, Family, and Community	3	POLS V01	American Government	3
CD V62	Principles and Practices in Early Childhood Education	3	POLS V02	Comparative Government	3
CD V63	Introduction to Curriculum in Early Childhood Education	3	POLS V03	Introduction to Political Science	3
CJ V01	Introduction to Criminal Justice	3	POLS V04	Introduction to Political Theory	3
CJ V02	Concepts of Criminal Law	3	POLS V05	Introduction to International Relations	3
CJ V03	Community Relations and Diversity	3	POLS V09	United States-Mexico Relations	3
CJ V04	Legal Aspects of Evidence	3	POLS V11	Government & Politics of Mexico	3
CJ V05	Criminal Procedures	3	POLS V14	Global Studies	3
CJ V08	Criminal Investigation	3	POLS V17	Introduction to American Law	3
CJ V14	Juvenile Law and Procedures in California	3	POLS V18	Introduction to Global Issues	3
CJ V25	Introduction to Corrections	3	PSY V01	Introduction to Psychology	3
CJ V27	Introduction to Probation and Parole	3	PSY V02	Personal Growth and Social Awareness	3
CJ V28	Fundamentals of Criminology	3	PSY V03	Introduction to Biological Psychology	3
CJ V30	Victimology	3	PSY V04	Introductory Statistics for the Social and Behavioral Sciences	4
ECON V01A	Principles of Macroeconomics	3	PSY V05	Introduction to Developmental Psychology	3
			PSY V07	Introduction to Research Methods in Social and Behavioral Sciences	3



PSY V15	Introduction to Abnormal Psychology	3
PSY V25	Psychology of Human Sexuality	3
PSY V29	Introduction to Personality Psychology	3
PSY V30	Multicultural Psychology	3
PSY V31	Introduction to Social Psychology	3
PSY V32	Psychology of Women	3
SOC V01	Introduction to Sociology	3
SOC V02	Social Problems	3
SOC V04	Sociology of Gender Roles	3
SOC V05	Sociology of Relationships: Intimacy, Commitment, and Family Patterns	3
SOC V07	Sociological Analysis	3
SOC V13	Sociology of Deviance, Crime, and Society	3
SOC/AES V24	Sociology of the Chicano Community	3
SOC V31	Introduction to Social Psychology	3
SWHS V01	Introduction to Social Work and Human Services	3
SWHS V10	Fieldwork: Social Work and Human Services	3
<b>Required Major Total:</b>		<b>18</b>
<b>GE Pattern:</b>		<b>37-39</b>
<b>Double Counting:</b>		<b>(0-18)</b>
<b>Electives:</b>		<b>3-23</b>
<b>Total Units:</b>		<b>60</b>