

# 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.

- At least 6 units of the 18 units required for the area of emphasis must be completed within a single discipline.
- Within the chosen area of emphasis pattern, select courses that fulfill major preparation requirements for the chosen transfer institution. CSU and UC articulation can be found at [www.assist.org](http://www.assist.org). Other articulation can be found in the Student Services and/or Academic Affairs Office. If no articulation exists with the intended transfer institution, you may obtain guidance from recruitment counselors, the transfer institution's departmental advisors in your major, and/or that institution's catalog or website.

- 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/<br>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  |                 |

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| 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  |

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| 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              |

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| 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: |  |
| 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   | Introduction to Asian Art  |
| AES V66   | Modern Latin American Art  |
| 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  | Modern 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  |

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| 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**

1

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.

6. Achieve a cumulative grade point average (GPA) of 2.0 or better in degree-applicable college credit coursework.
7. 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.
8. 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/<br>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               |

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|---------------|---|---|
| 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 |

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| 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   | PHYS V03B & V03BL   | General Physics II: Calculus-Based and General Physics II Laboratory: Calculus-Based  | 4+1         |
| CHEM V30          | Chemistry for Health Sciences  | 4   | PHYS V04 & V04L   | Mechanics for Scientists and Engineers and Mechanics Laboratory for Scientists and Engineers  | 4+1         |
| CHEM V30L         | Chemistry for Health Sciences Laboratory   | 1   |   |   |             |
| CJ V35            | Introduction to Forensic Science   | 3   |   |   |             |
| CJ V35L           | Introduction to Forensic Science Laboratory  | 1   | PHYS V05 & V05L   | Electricity and Magnetism for Scientists and Engineers and Electricity and Magnetism Laboratory for Scientists and Engineers                | 4+1         |
| CJ V36            | Forensic Anthropology  | 3   | 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         |
| CS V11            | Programming Fundamentals   | 3   |   |   |             |
| CS V17            | Discrete Structures  | 3   |   |   |             |
| CS V30            | Beginning C++  | 3   | PSY V03   | Introduction to Biological Psychology   | 3           |
| CS V40            | Beginning Java   | 3   | PSY V04   | Introductory Statistics for the Social and Behavioral Sciences  | 4           |
| ESRM V01          | Introduction to Environmental Issues   | 3   | Required Major Total: 18  |   |             |
| ESRM V02          | Introduction to Environmental Science  | 3   | GE Pattern: 37-39   |   |             |
| ESRM V14          | Conservation of Natural Resources  | 3   | Double Counting: (0-10)   |   |             |
| GEOG V01          | Elements of Physical Geography   | 3   | Electives: 3-15   |   |             |
| GEOG V01L         | Elements of Physical Geography Laboratory  | 1   | Total Units: 60   |   |             |
| GEOG V05          | Introduction to Weather and Climate  | 3   | <h3>Social and Behavioral Sciences Emphasis</h3>  |   |             |
| GEOL V02          | Physical Geology   | 3   | The courses that fulfill the Social and Behavioral Sciences area of emphasis will examine people as members of society. The courses are designed to:  |   |             |
| GEOL V02L         | Physical Geology Laboratory  | 1   | <ul style="list-style-type: none"><li>• develop students' awareness of the method of inquiry used by the social and behavioral sciences</li><li>• to stimulate critical thinking about the ways people respond to their societies; and</li><li>• to promote appreciation of how societies and social subgroups operate.</li></ul> |   |             |
| GEOL V03          | Historical Geology   | 3   | This emphasis enables the student to take courses that will satisfy lower division major preparation requirements for majors in, but not limited to:  |   |             |
| GEOL V03L         | Historical Geology Laboratory  | 1   | <ul style="list-style-type: none"><li>• Anthropology</li><li>• Economics</li><li>• Ethnic Studies</li><li>• Geography</li><li>• History</li><li>• Political Science</li><li>• Psychology, and</li><li>• Sociology</li></ul>   |   |             |
| GEOL V09          | Earth Science with Laboratory  | 4   | Course ID   | Title   | Units/Hours |
| GEOL V11          | Introduction to Oceanography   | 3   | Select at least 18 units from the following courses:  |   |             |
| MATH V04          | College Algebra  | 4   | AES V01/ANTH V04  | Native Peoples of North America   | 3           |
| MATH V05          | Plane Trigonometry   | 3   | AES V02A/HIST V45   | United States History: Focus on Native Americans to Reconstruction  | 3           |
| MATH V20          | Precalculus Mathematics  | 5   | AES V02B/HIST V55   | United States History: Focus on Native Americans Since the Civil War  | 3           |
| MATH V21A         | Calculus with Analytic Geometry I  | 5   | AES/CHST V03  | Chicana Contemporary Issues   | 3           |
| MATH V21B         | Calculus with Analytic Geometry II   | 5   | AES V11/SOC V03   | Racial and Ethnic Group Relations   | 3           |
| MATH V21C         | Multivariable Calculus   | 5   | AES V20/CHST V01  | Introduction to Chicano Studies   | 3           |
| 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 |   |   |             |

|                   |  |   |                   |  |   |
|-------------------|--|---|-------------------|--|---|
| 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>     |