

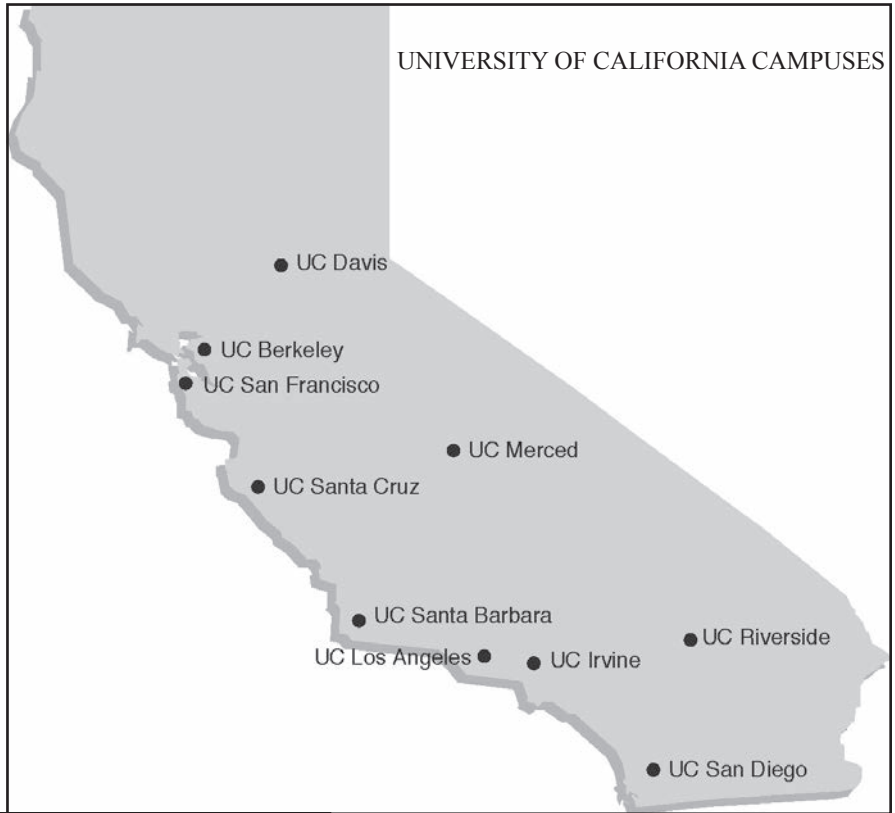
**Section IV**  
**REQUIREMENTS FOR**  
**COLLEGE TRANSFER**

# CALIFORNIA STATE UNIVERSITY AND UNIVERSITY OF CALIFORNIA LOCATIONS

## University of California (UC)

UC Website: [www.ucop.edu/pathways](http://www.ucop.edu/pathways)

- UC, Berkeley
- UC, Davis
- UC, Irvine
- UC, Los Angeles
- UC, Merced
- UC, Riverside
- UC, San Diego
- UC, San Francisco
- UC, Santa Barbara
- UC, Santa Cruz



## California State University (CSU)

CSU Website: [www.csumentor.edu](http://www.csumentor.edu)

- CA Polytechnic State University, San Luis Obispo
- CA Polytechnic State University, Pomona
- CSU, Bakersfield
- CSU, Channel Islands
- CSU, Chico
- CSU, Domingues Hills
- CSU, East Bay
- CSU, Fresno
- CSU, Fullerton
- CSU, Long Beach
- CSU, Los Angeles
- CA Maritime Academy
- CSU, Monterey Bay
- CSU, Northridge
- CSU, Sacramento
- CSU, San Bernardino
- CSU, San Marcos
- CSU, Sonoma
- CSU, Stanislaus
- Humbolt State University
- San Diego State University
- San Francisco State University
- San Jose State University

## Requirements for Transfer to a Four-Year Institution

Moreno Valley College offers programs of study that align with the first two years (freshman and sophomore levels) at most four-year colleges and universities. Information on many of the four-year universities can be found in the Transfer Center. Requirements for admission, general education, and major preparation are different at each four-year institution so it is important to make an appointment to meet with a counselor during your first semester to develop a Student Educational Plan (SEP), which will list all the required courses to reach your goal.

## California State University (CSU)

### CSU Minimum Admissions Requirements

Upper division transfer students will be eligible for admission if they meet the following requirements:

1. Complete a minimum of 60 CSU-transferable semester units or 90 transferable quarter units.
2. Obtain a minimum 2.0 GPA. GPA requirements may be significantly higher if the campus or the major is impacted.
3. Complete at least 30 semester units (or 45 quarter units) of courses equivalent to general education requirements with grades of “C” or better. The 30 units must include the “Golden Four” (Area A-1: Oral Communication; Area A-2: Written Communication; Area A-3: Critical Thinking; and at least one course of at least 3 semester units (or 4 quarter units) in Area B-4: Mathematics/Quantitative reasoning).

It is highly recommended that students complete either the CSU GE or IGETC certification pattern prior to transferring to the CSU system.

## CSU GE Certification

The California State University system requires that 48 semester units of general education must be completed to be eligible for a bachelor’s degree. Nine of these units are upper-division (junior/senior level) and are to be taken at the CSU campus after transfer. Moreno Valley College can certify 39 of these units as having met all of the lower division (freshman/sophomore level) general education requirements. Although it is not an admission requirement, it is to the student’s advantage to complete all areas of the general education pattern and have them certified. Full certification by the community college will be accepted without the need to take additional lower-division general education courses at the CSU campus. Advanced Placement (AP) test credit, certain CLEP exams, and coursework completed at regionally accredited U.S. colleges and universities may be used to fulfill some CSU GE requirements. Coursework must be evaluated through the office of evaluations or by the Moreno Valley College articulation officer. International coursework may only be applied to IGETC if the international institution has United States regional accreditation. All other international coursework cannot be applied to IGETC.

## University of California (UC)

### UC Minimum Admission Requirements

Upper Division Transfer students will be eligible for admission if they meet the following requirements:

1. Complete a minimum of 60 UC-transferable semester units or 90 transferable quarter units.
2. Obtain a minimum 2.4 GPA (2.8 for California non-residents). At many UC campuses, admission is competitive and the required GPA can be significantly higher.
3. Complete the following course pattern with a grade of “C” or better in each course:
  - Complete two transferable college courses in English Composition (3 semester units or 4-5 quarter units each).
  - Complete one transferable course in mathematical concepts and quantitative reasoning (3 semester or 4-5 quarter units).
  - Complete four transferable college courses (3 semester or 4-5 quarter units each) from at least two of the following subject areas: arts and humanities, social and behavioral sciences, physical and biological sciences.

The majority of UC campuses give priority to students who have completed major preparation courses. Students who complete the Intersegmental General Education Transfer Curriculum (IGETC) pattern prior to transfer to the UC system will satisfy the transfer eligibility coursework listed in item #3 above.

## IGETC Certification

Completion of the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer to a campus in either the California State University (CSU) or University of California (UC) System without the need, after transfer, to take additional lower-division general education courses to satisfy campus general education. Courses used for IGETC certification must be completed with grades of “C” or better and must be a minimum of 3 semester or 4-5 quarter units. **Grades of “C-” are not acceptable.** A course cannot be certified unless it was on the IGETC list during the year when it was taken. Students beginning in Fall 2016 must follow the 2016-2017 IGETC requirements. Advanced Placement (AP) test credit and coursework completed at regionally accredited U.S. colleges and universities may be used to fulfill some IGETC requirements. Coursework must be evaluated through the office of evaluations or by the Moreno Valley College articulation officer. International coursework may only be applied to IGETC if the international institution has United States regional accreditation. All other international coursework cannot be applied to IGETC.

## Partial IGETC Certification

Partial IGETC certification is allowed with a maximum of two courses missing, which have to be completed after transfer. Students need Areas 1 and 2 of the IGETC completed to meet minimum transfer admission requirements. A deficiency in Area 1 and/or 2 may also indicate a student does not meet the minimum transfer requirements.

## UC IGETC Limitation

Some of the UC campuses do not accept or recommend IGETC for certain majors (e.g., Engineering, sciences). Students should consult with a counselor to determine the most appropriate general education pattern for their major and intended transfer institution.

## How to Request Certification

Students can apply for IGETC or CSU GE certification at the last community college attended prior to transfer. Students can request IGETC or CSU GE certification on the transcript request form found in the Moreno Valley College admissions and records department or through their WebAdvisor account. Partial IGETC certification is completed by the college's articulation officer.

## Major Preparation Courses for Transfer

For each major at a four-year institution, there are lower-division (freshman and sophomore level) major preparation requirements. Students should complete as many lower-division major courses as possible prior to transfer. Each four-year university has its own programs and major requirements. It is recommended that students see a counselor, on a regular basis, to determine the courses needed to transfer to CSU, UC or a private university.

## Assist

Major preparation courses for CSU and UC campuses can be found on ASSIST ([www.assist.org](http://www.assist.org)). ASSIST is an online student-transfer information system that shows how course credits earned at a California Community College can be applied when transferred to a CSU or UC campus.

## Course Identification Numbering System (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system independent from the course numbers assigned by local California community colleges. A C-ID number next to a course signals that participating California colleges and universities have determined that courses offered by other California community colleges are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Thus, if a schedule of classes or catalog lists a course bearing a C-ID number, for example COMM 110, students at that college can be assured that it will be accepted in lieu of a course bearing the C-ID COMM 110 designation at another community college. In other words, the C-ID designation can be used to identify comparable courses at different community colleges. However, students should always go to [www.assist.org](http://www.assist.org) to confirm how each college's course will be accepted at a particular four-year college or university for transfer credit.

The C-ID numbering system is useful for students attending more than one community college and is applied to many of the transferable courses students need as preparation for transfer. Course requirements may change or courses deleted from the C-ID database. As a result, students should always check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer.

Students may consult the ASSIST database at [www.assist.org](http://www.assist.org) for specific information on C-ID course designations. Counselors can always help students interpret or explain this information.

## Private and Out-of-State Colleges and Universities

Each private or out-of-state college/university has its set of requirements for admission and for graduation. For students looking to transfer to a private, independent or out-of-state college/university, you can meet with a counselor to see if Moreno Valley College has an articulation agreement with the school you are interested in. Also, some private and out-of-state universities do accept the CSU GE or IGETC pattern. Be sure to ask your counselor if this is the case with your school of interest. If there is no articulation agreement with the school, you may need to contact the school's admissions office for more information. After researching the transfer admission requirements, students are encouraged to follow up with a Moreno Valley College counselor or a representative from the school of interest. The Association of Independent California Colleges and Universities is a good source of information for private four-year institutions in California. Their website can be accessed at [www.aiccu.edu](http://www.aiccu.edu).



**Associate Degree  
for Transfer**  
*A Degree with a Guarantee.®*

## Associate Degrees for Transfer (ADT)

California Community Colleges are now offering associate degrees for transfer to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units. To view the most current list of Moreno Valley College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to: <http://degreewithguarantee.com/>.

Students are encouraged to meet with a Moreno Valley College counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

## Anthropology

**(CSUGE) MAA616  
(IGETC) MAA618**

The Associate in Arts in Anthropology for Degree Transfer is designed to prepare the student for transfer to institutions of higher education and specifically intended to satisfy the lower division requirements for the baccalaureate degree in Anthropology at a California State University. The student will be afforded the opportunity to study the nature of the human diversity from a genetic, archeological, linguistic and cultural basis. The breadth of Anthropology will be examined to include the historical and contemporary theory and research as the basis from which to gain an in-depth awareness and understanding of humans and the world

in which we live.

### Program Learning Outcomes

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

- Apply the holistic and comparative perspective inherent in anthropological knowledge to real world problems
- Use information resources and technology to research current issues in all four subfields of anthropology
- Synthesize and integrate theoretical perspectives specific to anthropology and general to the social and natural sciences

Required Core Courses (18-19 units)		Units
ANT-1*	Physical Anthropology	3
ANT-2*	Cultural Anthropology	3
ANT-6*	Introduction to Archaeology	3
List A	Choose from the list below	3-4
List B	Choose from the list below	3-4
List C	Choose from the list below	3

List A: Choose 3-4 units from the following:		Units
ANT-3*	Prehistoric Cultures	3
MAT-12	Statistics/Honors	4

List B: Choose 3-4 units from the following:		Units
GEG-1*	Physical Geography	3
PSY-50	Research Methods in Psychology	4

List C: Choose a minimum of 3 units from the following:		Units
ANT-4*	Native American Cultures	3
ANT-5*	Cultures of Ancient Mexico	3
ANT-7*	Anthropology of Religion	3
ANT-8*	Language and Culture	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Anthropology** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

### Biology

(CSUGE) MAS767  
(IGETC) MAS768

The Associate in Science in Biology for Degree Transfer introduces the concepts and principles upon which biologic knowledge is based including the biochemistry, structure and function, ecology and evolution of organisms, from the levels of cells through the biosphere. Students will develop skills for critical/analytical thinking, perceptive reading/observation and interpretation. The Associate in Science in Biology for Transfer degree provides students with a core curriculum that will prepare them with the knowledge and skills required to succeed in the study of biology. This degree aligns with the approved Transfer Model Curriculum

(TMC) in Biology. The intent of this degree is to assist students in seamlessly transferring to a CSU.

### Program Learning Outcomes

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

- Be able to identify and explain fundamental biological concepts and principles on the molecular, cellular, organismal, population, ecological, environmental and evolutionary levels.
- Apply knowledge of biological concepts to formulate questions and hypotheses for research and demonstrate ability to find, read, understand, and critically evaluate scientific papers.
- Develop experimental skills and techniques used in laboratory and field research and use the scientific method to develop hypotheses, design and execute experiments.

Required Courses (32 units)		Units
BIO-11*/11H*	Introduction to Molecular and Cellular Biology/Honors	5
BIO-12*	Introduction to Organismal and Population Biology	5
CHE-1A*/1AH*	General Chemistry I/Honors	5
CHE-1B*/1BH*	General Chemistry II/Honors	5
MAT-1A*	Calculus I	4
PHY-4A*	Mechanics A	4
PHY-4B*	Electricity and Magnetism	4

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC STEM pattern, please confer with a counselor.

**Associate Degree for Transfer in Biology** will be awarded upon completion of 60 semester CSU-transferable units including the above major requirements and the California State University-General Education-Breadth pattern (CSU GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

### Business Administration

(CSUGE) MAS626  
(IGETC) MAS628

This degree is designed to facilitate the student’s passage from Moreno Valley College to the California State University System with an Associate in Science in Business Administration for Transfer degree. This degree will satisfy the lower division requirements for the eventual conferral of the bachelor’s degree in Business Administration at CSU. With this degree the student will be prepared for transfer to the university upper division level.

### Program Learning Outcomes

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

- Demonstrate use of technology and application software to analyze and solve business decisions.
- Demonstrate mathematical and accounting procedures used for business specific calculations and decisions.

- Demonstrate the application of economic and business theories to develop effective business processes.

Required Courses (25 units)		Units
ACC-1A	Principles of Accounting I	3
ACC-1B	Principles of Accounting II	3
BUS-10/Bus10H	Introduction to Business	3
BUS-18A	Business Law I	3
CIS-1A	Introduction to Computer Information Systems	3
ECO-7*/7H*	Principles of Macroeconomics/Honors	3
ECO-8*/8H*	Principles of Microeconomics/Honors	3
MAT-12*	Statistics/Honors	4

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Business Administration** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Communication Studies

(CSUGE) MAA587

(IGETC) MAA588

The Associate in Arts in Communication Studies for Degree Transfer provides opportunity for students to transfer to a CSU with junior standing. The degree encourages students to examine and evaluate human communication across and within various contexts for the purpose of increasing competence.

### Program Learning Outcomes

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

- Synthesize communication principles and theories to develop communication competence to improve human interaction.
- Apply and analyze rhetorical principles for a variety of purposes adapting to audience and context.
- Understand the theoretical and practical relationships between and among symbols, culture and gender to competently create, interpret and/or evaluate messages.

Required Courses (18-19 units)		Units
COM-1*/1H*	Public Speaking/Honors	3
COM-9*/9H*	Interpersonal Communication/Honors	3
Electives from Group A		3
Electives from Group B		6
Electives from Group C		3-4

Electives Group A (3 units)		Units
COM-2*	Persuasion in Rhetorical Perspective	3
COM-3*	Argumentation and Debate	3
COM-6*	Dynamics of Small Group Communication	3
Electives Group B (6 units)		Units
Any course not applied in group A		

COM-7	Oral Interpretation of Literature	3
COM-12*	Intercultural Communication	3

Electives Group C (3-4 units)		Units
Any COM course not applied in group A or B above		
COM-13*	Gender and Communication	3
ANT-2*	Cultural Anthropology	3
JOU-7*	Mass Communications	3
PSY-1*/1H*	General Psychology/Honors	3
SOC-1*	Introduction to Sociology	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Communication Studies** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Computer Science

(IGETC) MAS650

The Associate in Science in Computer Science for Degree Transfer provides a solid preparation for transfer majors in computer science including an emphasis on object oriented programming logic in C++, computer architecture, calculus and calculus based physics. The intent of this degree is to assist students in seamlessly transferring to a CSU. With this degree the student will be prepared for transfer to the university upper division level in preparation for the eventual conferral of the Bachelor’s Degree in Computer Science. The degree aligns with the approved Transfer Model Curriculum (TMC) in Computer Science.

### Program Learning Outcomes

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

- Write programs utilizing the following data structures: arrays, records, strings, linked lists, stacks, queues, and hash tables.
- Write and execute programs in assembly language illustrating typical mathematical and business applications.
- Demonstrate different traversal methods of trees and graphs.

Required Courses (29 units)		Units
CIS-5	Programming Concepts and Methodology I: C++	4
CIS-7	Discrete Structures	3
CIS-11	Computer Architecture and Organization: Assembly	3
CIS-17A	Programming Concepts and Methodology II: C++	3
MAT-1A*	Calculus I	4
MAT-1B*	Calculus II	4
PHY-4A*	Mechanics	4
PHY-4B*	Electricity and Magnetism	4

\*Courses may also be used to fulfill general education requirements for the IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Computer Science** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

**Early Childhood Education**

(CSUGE) MAS529  
(IGETC) MAS530

This program focuses on the theory and practice of Early Childhood Education and care for children from birth to age eight for occupational preparation. The course of study will include the basic principles of educational and developmental psychology; the art of observing, teaching and guiding young children; planning and administration of developmentally appropriate inclusive educational activities; school safety and health issues; and the social and emotional foundations of early care and education. Students completing this program will have the potential of obtaining occupations in educational settings such as infant/toddler caregivers; preschool teachers; family home childcare providers; master teachers, site supervisors, program directors, child life specialists, and social services workers.

**Program Learning Outcomes**

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

- Develop, implement, and evaluate developmentally appropriate thematic and emergent curriculum for children who are typical and atypical in the areas of physical, cognitive, language, creative and social/emotional growth.
- Develop and apply appropriate practices and effective techniques that respect the cultural diversity of young children and their families.
- Integrate an educational philosophy into classroom practices that reflects a personal belief supportive of theoretical principles regarding how and why young children should receive early educational experiences.
- Develop and implement a system of ongoing observational practices that contributes toward the creation of learning environments conducive to the emergence of curriculum that adapts to the evolving needs of children.

Required Courses (25 units)		Units
EAR-19	Observation and Assessment In Early Childhood Education	3
EAR-20*	Child Growth and Development	3
EAR-24	Introduction to Curriculum	3
EAR-25	Teaching in a Diverse Society	3
EAR-26	Health, Safety and Nutrition	3
EAR-28	Principles and Practices of Teaching Young Children	3
EAR-30	Practicum in Early Childhood Education	4
EAR-42*	Child, Family, and Community	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Early Childhood Education** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in section VII.)

**English**

(CSUGE) MAA648  
(IGETC) MAA649

The Associate in Arts in English for Degree Transfer is a curricular pattern designed specifically to transfer students as English majors with junior status to the CSU system. Though the Associate in Arts in English for Transfer also provides broad general preparation for English majors entering any baccalaureate institution, students must consult the specific requirements of any non-CSU campus to which they are applying. Students earning the Associate in Arts in English for Transfer will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses, and they will encounter interpretive questions to which there are multiple plausible answers. Students earning the Associate in Arts in English for Transfer degree will also have exposure to a variety of literary genres and periods and will be able to illustrate a basic understanding of the ways that literature can embody cultural, intellectual, and artistic trends.

**Program Learning Outcomes**

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

- Think critically about and interpret literature, employing language and methods of literary analysis to construct interpretive arguments and to address the ways that literature invites multiple interpretive possibilities.
- Write essays of literary analysis effectively supported by integrated, interpreted, and relevant textual evidence.
- Demonstrate an understanding of how cultural history informs and is informed by literature.

Required Courses (19 units)		Units
ENG-1B*/1BH*	Critical Thinking and Writing/Honors	4
List A	Choose from the list below	6
List B	Choose from the list below	6
List C	Choose from the list below	3

List A Choose two courses from the following (6 units):		Units
ENG-6*	British Literature I: Anglo-Saxon through Eighteenth Century	3
ENG-7*	British Literature II: Romanticism through Modernism/Post-Modernism	3
ENG-14*	American Literature I: Pre-Contact through Civil War	3
ENG-15*	American Literature II: 1860 to the Present	3
ENG-40*	World Literature I: From Ancient Literatures to the Seventeenth Century	3
ENG-41*	World Literature II: Seventeenth Century Through the Present	3
List B Choose two courses from the following (6 units)		Units
Any course from List A not already used		
ENG-11*	Creative Writing	3

ENG-16*	Introduction to Linguistics	3
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List C Choose one course from the following (3 units)		Units
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Any course from List A and List B not already used		
COM-7	Oral Interpretation of Literature	3
ENG-9*	Introduction to Shakespeare	3
ENG-10	Special Studies in Literature	3
ENG-20*	Survey of African American Literature	3
ENG/HUM-23*	The Bible as Literature	3
ENG-25*	Latino Literature of the United States	3
ENG-30*	Children's Literature	3
ENG-35*	Images of Women in Literature	3
JOU-1	Introduction to Journalism	3
JOU-20A	Newspaper: Beginning	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in English** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of "C" or better. (Students completing the Associate in Arts in English for Degree Transfer are not required to fulfill the RCCD graduation requirements found in Section VII.)

## History

(CSUGE) MAA744  
(IGETC) MAA745

The Associate in Arts in History for Degree Transfer is a curricular pattern designed specifically to transfer students as history majors with junior status to the CSU system. Though the Associate in Arts in History for Transfer also provides broad general preparation for history majors entering any four-year university, students must consult the specific requirements of any non-CSU campus to which they are applying. Students earning the Associate in Arts in History for Transfer degree will acquire a broad perspective on the human experience and appreciate how the past has shaped the present. They will learn about major events and people of the past, especially their social, cultural and political effects. In addition, students will learn how to interpret, debate, and draw conclusions using primary historical sources.

### Program Learning Outcomes

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

- Describe, explain, and evaluate historical information and demonstrate an understanding of the nature of historical processes.
- Identify and analyze the sources of historical information and research methodologies.
- Objectively explain critical issues in history and be able to use theories and debates to argue convincingly in defense of a position, selecting examples to illustrate points and organizing these appropriately.
- Employ a variety of current historical methodologies in the research, analysis and evaluation of data.
- Comprehend and demonstrate critical thinking ability including the understanding of alternative explanations

and the forming of conclusions from the data presented.

Required Courses (18 units)		Units
<hr/>		
HIS-6*/6H*	Political and Social History of the United States/Honors	3
HIS-7*/7H*	Political and Social History of the United States/Honors	3
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List A Choose two courses from the following:		
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HIS-1*	History of World Civilizations I	3
or		
HIS-4*	History of Western Civilization I	3
HIS-2*/2H	History of World Civilizations II/Honors	3
or		
HIS-5*	History of Western Civilization II	3

List B Choose one course from each group:

#### Group 1

HIS-1*	History of World Civilizations I (If not used in List A)	3
HIS-2*	History of World Civilizations II (If not used in List A)	3
HIS-14*	African American History I	3
HIS-15*	African American History II	3
HIS-34*	History of Women in America	3

#### Group 2

ANT-1*	Physical Anthropology	3
ANT-2*	Cultural Anthropology	3
ART-1*	History of Western Art: Prehistoric, Ancient, and Medieval	3
ART-2*	History of Western Art: Renaissance through Contemporary	3
HIS-11*	Military History of the United States to 1900	3
HIS-12*	Military History of the United States Since 1900	3
HIS-26*	History of California	3
HUM-4*/4H*	Arts and Ideas: Ancient World Through the Medieval Period/Honors	3
HUM-5*/5H*	Arts and Ideas: Renaissance through the Modern Era/Honors	3
HUM-10*/10H*	World Religions/Honors	3
POL-1*/1H*	American Politics/Honors	3
POL-2*/2H*	Comparative Politics/Honors	3
POL-4*/4H*	Introduction to World Politics/Honors	3
PSY-1*	General Psychology	3
SOC-1*	Introduction to Sociology/Honors	3
SOC-2*	American Social Programs	3
SOC-10*	Race and Ethnic Relations	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in History** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of "C" or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)



## Mathematics

(CSUGE) MAS719

(IGETC) MAS720

The Associate in Science Degree in Mathematics for Degree Transfer is designed to prepare the student for transfer to institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate Degree in Mathematics at a California State University (but does not guarantee acceptance to a particular campus or major). It will also provide the student with a sufficient academic basis from which to pursue a career in mathematics, statistics, actuarial science, and education.

### Program Learning Outcomes

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

- Reason mathematically both abstractly and computationally.
- Create and analyze mathematical models.

Required Courses (19-20 units)		Units
MAT-1A*	Calculus I	4
MAT-1B*	Calculus II	4
MAT-1C*	Calculus III	4
Choose 2 courses from the following with at least 1 course from Group A		7-8

Group A		Units
MAT-2*	Differential Equations	4
MAT-3*	Linear Algebra	3

Group B		Units
PHY-4A*	Mechanics	4
CIS-5	Fundamentals of Programming Logic using C++	4

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Mathematics** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Music

(CSUGE) MAA704

(IGETC) MAA705

The Associate in Arts in Music for Transfer Degree is designed to satisfy the lower division requirements for the Baccalaureate in Arts in Music within the California State University system. This degree represents the attainment of a high level of proficiency in music theory, analysis, composition, and ear training/musicianship skills, and provides experiences in ensemble participation and solo performance. Students should also explore music history, music technology, and keyboard skills as part of their preparation. Music training develops critical thinking and teamwork skills that would be valuable in any profession. Careers for music graduates typically include performing, teaching, conducting, music production (recording), arranging, and composing, or a combination of these.

## Program Learning Outcomes

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

- Demonstrate ensemble specific performance practices and professional standards of conduct expected of ensemble participants.
- Perform solo literature with an accompanist (if appropriate) using stylistically accurate rhythm, pitch, diction (or articulation) and musical expression.
- Demonstrate the ability to “audiate” a musical score by sight reading and performing complex rhythms and by sight-singing chromatic, modulating, and post-tonal melodies.
- Demonstrate the ability to recognize patterns and musical function by aurally identifying and transcribing scales, modes, post-tonal melodies, and complex harmonic progressions.
- Analyze chromatic harmonic progressions that include modulation using 20<sup>th</sup> century techniques.
- Write, analyze, and compose music using 20<sup>th</sup> century techniques, such as tone rows, set theory, augmented sixth chords, pandiatonicism and polytonalism.
- Demonstrate keyboard proficiency at the level required to perform theoretical concepts studied in music theory courses.

Required Courses (24 units)		Units
<u>Theory (16 units):</u>		
MUS-3*	Fundamentals of Music	4
MUS-4*	Music Theory I	4
MUS-5	Music Theory II	4
MUS-6	Music Theory III	4

Applied Music: 1 unit per semester for a total of 4 units from the following:

MUS-87	Applied Music Training (1 unit/4 semester)	4
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Ensemble: 1 unit per semester for a total of 4 units from among the following:

MUS-29	Concert Choir	1
MUS-31	College Choir	1
MUS-57	Gospel Singers	1
MUS-58	Gospel Choir	1
MUS-70	Guitar Lab Ensemble	1
MUS-71	College Chorus	1
MUS-83	Advanced Chamber Choir	1
MUS-P70	Guitar Lab Ensemble II	1

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

Notes: Students who wish to complete an Associate in Arts in Music for Transfer degree should be encouraged to study the courses below as additional preparation for upper-division music study:

- (1) Music Appreciation/History/Literature:—counts in CSU GE Area C1 (one or two classes allowed/recommended)
  - MUS 19, Music Appreciation, 3 units
  - MUS 20, Great Composers and Masterpieces of Music Before 1820, 3 units
  - MUS 21, Great Composers and Masterpieces of Music After 1820, 3 units
  - MUS 22, Survey of Music Literature, 3 units
- (2) Colleges must require keyboard proficiency by exam.

Keyboard Proficiency: 1-4 units (required placement exam to exit the College and evaluation upon entry at the transfer institution). For students with no previous keyboard experience: “MUS 32 family”

MUS 32 A, Class Piano I—1 unit

MUS 32 B, Class Piano II—1 unit

MUS 32 C, Class Piano III—1 unit

MUS 32 D, Class Piano IV—1 unit

MUS 53 Keyboard Proficiency—1 unit

**Associate Degree for Transfer in Music** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements and with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Philosophy

(CSUGE) MAA715

(IGETC) MAA717

The Associate in Arts in Philosophy for Transfer degree is designed to prepare the student for transfer to four-year institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate in Arts in Philosophy at the California State University. This degree is designed to prepare students to critically analyze the work of major figures in philosophy, evaluate topics in the key areas of philosophy, clearly express philosophical ideas both in writing and orally, and demonstrate an understanding of these ideas through their application to specific philosophical problems.

### Program Learning Outcomes

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

- Analyze and critically evaluate the work of major figures in philosophy
- Compare and contrast different philosophical views across historical periods and contexts of human experience
- Evaluate the most important topics in key areas of philosophy: theory of knowledge, metaphysics, ethics
- Demonstrate the ability to apply philosophical ideas to philosophical problems
- Express philosophical ideas and defend them in argument, both in writing and orally

Required Courses (18 units)	Units
PHI/MAT-32* Introduction to Symbolic Logic	3
PHI-10*/10H* Introduction to Philosophy/Honors	3
PHI-12* Introduction to Ethics:	3
Contemporary Moral Issues	
PHI/HUM-35* Philosophy of Religion	3
List A Take one course from the list below	3
List B Take one course from the list below	3

List A Take 3 units from the following:

PHI-11*	Critical Thinking	3
HIS-4*	History of Western Civilization I	3
HIS-5*	History of Western Civilization II	3

List B Take 3 units from the following:

Any course from List A that has not been used or

PHI-15*	Bio-Medical Ethics	3
HIS-1*	History of World Civilizations I	3
HIS-2*	History of World Civilizations II	3
HUM-4*/4H*	Arts and Ideas: Ancient World through the Late Medieval Period/ Honors	3
HUM-5*/5H*	Arts and Ideas: The Renaissance through the Modern Era/Honors	3
HUM-10*/10H*	World Religions/Honors World Religions	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Philosophy** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Political Science

(CSUGE) MAA754

(IGETC) MAA755

The Associate in Arts in Political Science for Transfer degree is a curricular pattern designed specifically to transfer students as political science majors with junior status to the CSU system. Though the Associate in Arts in Political Science for Transfer also provides broad general preparation for political science majors entering any four-year university, students must consult the specific requirements of any non-CSU campus to which they are applying. Students earning the Associate in Arts in Political Science for Transfer will be provided with a deep appreciation of the social, economic and cultural dimensions of politics and encouraged to approach all political designs and ideas critically.

### Program Learning Outcomes

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

- Describe, explain, and evaluate American political institutions, political systems, policies and processes;
- Identify and analyze the major current global and domestic political theories and ideologies;
- Objectively explain critical issues in American, Comparative and World politics and be able to use theories and debates to argue convincingly in defense of a position, selecting examples to illustrate points and organizing these appropriately;
- Employ a variety of current social scientific methodologies in the research, analysis and evaluation of data;
- Demonstrate critical thinking ability including the understanding of alternative explanations and the forming of conclusions from the data presented

Required Courses (18-19 units)		Units
POL-1*/1H*	American Politics/Honors	3
LIST A	Choose from the list below	9-10
LIST B	Choose from the list below	6

LIST A Choose three courses from the following (9-10 units)

POL-2*/2H*	Comparative Politics/Honors	3
POL-3*	Introduction to Politics	3
POL-4*/4H*	Introduction to World Politics/Honors	3
POL-11*	Political Theory	3
MAT-12*	Statistics/Honors	4

LIST B Choose two courses from the following (6 units)

Any course from List A not already used		
POL-5*	The Law and Politics	3
POL-8*	Introduction to Public Administration and Policy Development	3
ECO-7*/7H*	Principles of Macroeconomics/Honors	3
HIS-7*/7H*	Political and Social History of the US/Honors	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Political Science** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Psychology

(CSUGE) MAA566  
(IGETC) MAA568

The Associate in Arts in Psychology for Degree Transfer is designed to prepare students who wish to transfer for the purposes of pursuing studies in psychology. Specifically, this degree allows students to complete various lower division courses in preparation for obtaining a baccalaureate degree in psychology at a California State University.

### Program Learning Outcomes:

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

- Apply the basic tenets of psychology to the study of more in depth topics in upper division courses
- Distinguish between the main theoretical perspectives in psychology
- Analyze the primary subfields of psychology and gauge their contributions to the understanding of behavior, cognition, and emotion

Required Courses (20 units)		Units
PSY-1*/1H*	General Psychology/Honors	3
PSY-2*	Biological Psychology	3
PSY-9*	Developmental Psychology	3
PSY-50*	Research Methods in Psychology	4
MAT-12*	Statistics/Honors	4
Electives	List A	3

LIST A (3 units)		Units
PSY-8*	Introduction to Social Psychology	3
PSY-33*	Theories of Personality	3
PSY-35*	Abnormal Psychology	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Psychology** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Sociology

(CSUGE) MAA695  
(IGETC) MAA696

The Associate in Arts in Sociology for Transfer degree is designed to prepare the student for transfer to four-year institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate Degree in Sociology at a California State University. It will also provide the student with a sufficient academic basis from which to pursue a career in the social science professions. The student will be afforded the opportunity to study the nature of the human affinity for aggregation and the complexities of societal organization. The breadth of Sociology will be examined to include the historical and contemporary theory and research as the basis from which to gain an in-depth awareness and understanding of the world in which we live.

### Program Learning Outcomes

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

- Demonstrate an awareness and understanding of the historical and contemporary theoretical frameworks that form the basis of Sociological study
- Demonstrate the utility of past and present sociological research and the research methodologies that form the basis of sociological inquiry
- Demonstrate the ability to be academically proficient in at least two specific areas of sociological emphasis, i.e., Marriage and Family, Race/Ethnicity, Culture, Crime and Deviance, Social Problems
- Demonstrate an understanding of the basic principles for at least one of the social sciences beyond Sociology, i.e., Anthropology or Psychology

Required Courses (18-19 units)		Units
SOC-1*	Introduction to Sociology	3
Electives from Group A		6-7
Electives from Group B		6
Electives from Group C		3

Electives Group A (6-7 units)		Units
MAT-12*	Statistics/Honors	4
SOC-2*	American Social Problems	3
SOC-50*	Introduction to Social Research Methods	3

Electives Group B (6 units)		Units
SOC-10*	Race and Ethnic Relations	3
SOC-12*	Marriage Family Relations	3
SOC-20*	Introduction to Criminology	3

Electives Group C (3 units)		Units
ANT-2*	Cultural Anthropology	3
PSY-1*/1H*	General Psychology/Honors	3
PSY-8*	Introduction to Social Psychology	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Sociology** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

## Spanish

(CSUGE) MAA707  
(IGETC) MAA708

The Associate of Arts in Spanish for Degree Transfer provides transfer majors with a strong foundation not only in the four basic language skills (listening comprehension, reading comprehension, speaking and writing), but also in the civilization and cultures of Spain and Latin America. The degree emphasizes the acquisition of communicative competence and the development of intercultural awareness, appreciation and understanding. Additionally, the Spanish courses align well with preparation for transfer majors in related fields such as liberal arts, language arts and linguistics, and complement majors in international relations, political science, business, education, sociology and other areas of study at UC, CSU, and private colleges and universities.

### Program Learning Outcomes

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

- Demonstrate critical thinking skills in Spanish by interpreting and articulating ideas, questions, opinions and information at the high-intermediate level, both orally and in writing
- Analyze the practices, products and perspectives of the Spanish-speaking countries and peoples throughout the world through a comparison of Hispanic cultures and their own

Required Courses (23 units)		Units
SPA-1*/1H*	Spanish 1/Honors Spanish 1	5
SPA-2*/2H*	Spanish 2/Honors Spanish 2	5
SPA-3* or 3N*	Spanish 3 or Spanish 3N	5
SPA-4*	Spanish 4	5
List A	Select from the list below	3

List A: Select a minimum of one course (3 units)		Units
SPA-8*	Intermediate Conversation	3
SPA-11*	Spanish Culture and Civilization	3
SPA-12*	Latin American Culture and Civilization	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Spanish** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)

Note: If a student places out of any required course and is not awarded units for that course, the student will have to take additional units to compensate for the course/units needed to reach at least 18 total units in the major (per Title 5 regulations). Appropriate course substitutions may be from List A or the courses listed below. Any other course substitution must be approved by the Spanish faculty of World Languages.

ANT-2	Introduction to Cultural Anthropology	CSU Area D
ANT-8	Introduction to Language and Culture	CSU Area D
ART-13	Pre-Columbian Art History	CSU Area C1
ART-14	Latin American Art: Colonial to the Present	CSU Area C1
COM-12	Intercultural Communication	CSU Area D
ENG-25	Latino Literature of the United States	CSU Area C2
GEG-2	Introduction to Human Geography	CSU Area D
HIS-8	History of the Americas	CSU Area C2 or D
HIS-9	History of the Americas	CSU Area C2 or D
HIS-31	Chicano/a or U.S. Latino History	CSU Area C2 or D
SOC-1/1H	Introduction to Sociology	CSU Area D
SOC-10	Introduction to Race & Ethnicity	CSU Area D

## Studio Arts

(CSUGE) MAA693  
(IGETC) MAA694

The Associate in Arts in Studio Arts for Degree Transfer e is designed to facilitate the student’s passage from Moreno Valley College to the California State University System with an Associate Degree in Art. This degree is intended to satisfy the lower division requirements for the Baccalaureate Degree in Art at a California State University. It will also provide the student with a sufficient preparation for continued study and practice in studio arts.

### Program Learning Outcomes

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

- Articulate ideas utilizing art terminology for critical discussion
- Demonstrate proficient technical and creative skills with a variety of art materials
- Describe and discuss art in its cultural and historical context.
- Demonstrate accurate visual perception, working in an observational context

<u>Required Courses (24 units)</u>		<u>Units</u>
ART-2*	History of Western Art: Renaissance through Contemporary	3
ART-22	Basic Design	3
ART-24	Three Dimensional Design	3
ART-17	Beginning Drawing	3
Electives	Choose from List A	3
Electives	Choose from List B	9

List A: Choose 3 units from the following: Units

ART-1*	History of Western Art: Pre-Historic, Ancient, and Medieval	3
ART-12	Asian Art History	3
ART-5	Non Western Art History	3

List B: Choose one course from any three of the following areas for a maximum of 9 units: Units

<u>Curricular Area</u>			<u>Units</u>
<u>Drawing</u>	ART-40A	Figure Drawing	3
	ART-18	Intermediate Drawing	3
<u>Painting</u>	ART-26	Beginning Painting	3
<u>Digital Art</u>	ART-36A	Computer Art-Introduction	3
<u>Color</u>	ART-23	Design and Color	3

\*Courses may also be used to fulfill general education requirements for the CSUGE or IGETC pattern, please confer with a counselor.

**Associate Degree for Transfer in Studio Arts** will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. Courses in the major must be completed with a grade of “C” or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in Section VII.)



**Moreno Valley College**  
**California State University General Education Requirements 2017-2018**

**The courses listed below will fulfill the lower division general education requirements for all CSU campuses.**

To obtain a bachelor's degree from a CSU campus, a student must complete 48 units of general education. A community college can certify 39 of these units as having fulfilled the CSU lower division general education requirements. The remaining 9 units of upper-division general education coursework are to be taken at the CSU campus after transfer. Note: Moreno Valley College, Riverside City College and Norco College are separate colleges and the courses that are approved for CSU GE may vary. Students who wish to take courses at another institution and apply them towards CSU GE should always first consult with a counselor to make sure the course will fulfill the intended requirement.

**A. English Language Communication and Critical Thinking (min. 9 semester units) – Select one course from each group (Grades of “C” or better are required)**

**A-1: Oral Communication**

COM-3 Argumentation and Debate  
 COM-2 Persuasion in Rhetorical Perspectives  
 COM-6 Dynamics of Small Group Communication  
 COM-9 or 9H Interpersonal Communication

**A-2: Written Communication**

ENG-1A English Composition  
 or ENG-1AH Honors English Composition

**A-3: Critical Thinking**

COM-1 or 1H Public Speaking  
 ENG-1B or 1BH Critical Thinking and Writing  
 PHI-11 Critical Thinking  
 PHI-32 Introduction to Symbolic Logic  
 (Same as MAT-32) REA-4 Critical Reading as Critical Thinking

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**B. Scientific Inquiry and Quantitative Reasoning (min. 9 semester units) – Select one course from each group: Also, one of the science courses must have a lab—see underlined courses.**

**B-1: Physical Science**

AST-1A Introduction to the Solar System  
 AST-1B Introduction to the Stars & Galaxies  
CHE-1A General Chemistry I  
CHE-1AH Honors General Chemistry I  
CHE-1B General Chemistry II  
CHE-1BH Honors General Chemistry II  
CHE-2A Introductory Chemistry I  
CHE-2B Introductory Chemistry II  
 GEG-1 or 1H Physical Geography  
GEG-1L Physical Geography Lab  
 (has a Corequisite of GEG-1 or 1H)  
 PHS-1 Introduction to Physical Science PHY-4A Mechanics  
PHY-4B Electricity and Magnetism  
PHY-4C Heat, Light and Waves  
PHY-4D Modern Physics  
 PHY-10 Intro General Physics  
PHY-11 Physics Lab (PHY-11 has a Corequisite of PHY-10)

**B-2: Life Science**

AMY-2A Anatomy and Physiology I  
AMY-2B Anatomy and Physiology II  
 AMY-10 Survey of Human A and P  
ANT-1L Physical Anthropology Lab  
 ANT-1 or 1H, Physical Anthropology  
BIO-1 or 1H General Biology  
BIO-11 or 11H Intro. to Molecular and Cell  
BIO-12 Intro. to Organismal and Population  
BIO-17 Human Biology BIO-34 Human Genetics  
MIC-1 Microbiology  
 PSY-2 Biological Psychology

**B-3: Laboratory Activity**

This requirement is satisfied by completion of any course in B-1 or B-2 with a laboratory. Lab courses are underlined.

**B-4: Mathematics/Quantitative Reasoning (Grade of “C” or better is required)**

MAT-1A Calculus I  
 MAT-1B Calculus II MAT-1C Calculus III  
 MAT-2 Differential Equations  
 MAT-3 Linear Algebra  
 MAT-10 Pre-Calculus  
 MAT-11 College Algebra  
 MAT-12 Statistics  
 MAT-26 Math for Elementary Teachers  
 MAT-36 Trigonometry  
 PSY-48 Statistics for the Behavioral Sciences  
 SOC-48 Statistics for the Behavioral Sciences

**C. Arts and Humanities (min. 9 semester units) – Select three courses, with at least one course from Arts and one course from Humanities.****C-1: Arts**

ART-1 History of West Art: Prehistoric  
 ART-2 History of Western Art: Renass  
 ART-5 History of Non Western Art  
 ART-6 or 6H Art Appreciation  
 ART-7 Women Artists in History  
 ART-9 African Art History  
 ART-12 Asian Art History  
 ART-13 Pre-Columbian Art History

ART-14 Latin American Art  
 COM-7 Oral Interpretation of Literature  
 DAN-6 Dance Appreciation  
 FST-1 Introduction to Film Studies  
 FST-3 Introduction to International Cinema  
 FST-4 Introduction to Film Genres  
 FST-5 Fiction and Film: Adaptation  
 MUS-3 Fundamentals of Music  
 MUS-4 Music Theory I

MUS-19 or 19H Music Appreciation  
 MUS-20 Great Composers & Music Master  
 MUS-21 Great Composers & Music Master  
 MUS-22 Survey of Music Literature  
 MUS-23-History of Rock and Roll  
 MUS-25 Jazz Appreciation  
 MUS-26 Film Music Appreciation  
 THE-3 Introduction to the Theater

**C-2: Humanities**

AML-1 American Sign Language 1  
 AML-2 American Sign Language 2  
 COM-7 Oral Interpretation of Literature  
 ENG-1B Critical Thinking and Writing  
 ENG-1BH Honors Critical Thinking  
 ENG-6 British Lit I: AS to 18th Century  
 ENG-7 British Lit II: Romantism  
 ENG-8 Introduction to Mythology  
 ENG-9 Introduction to Shakespeare  
 ENG-11 Creative Writing  
 ENG-14 American Literature I: Pre-  
 ENG-15 American Literature II: 1860  
 ENG-16 Introduction to Linguistics  
 ENG-20 African American Literature  
 ENG-23 The Bible as Literature  
 ENG-25 Latino Literature of the U.S  
 ENG-30 Children's Literature  
 ENG-35 Images of Women in Literature  
 ENG-40 World Lit I: Ancient Lit through 1650  
 ENG-41 World Lit II: 1650 C.E. through the

ENG-48 Short Story and Novel 20th Century  
 FST-5 Fiction and Film: Adaptation  
 HIS-1 History of World Civilizations I  
 HIS-2 History of World Civilizations II  
 HIS-4 History of the Western Civilization I  
 HIS-5 History of the Western Civilization II  
 HIS-6 or 6H US History  
 HIS-7 or 7H US History  
 HIS-11 Military History of the US  
 HIS-12 Military History of the US since  
 HIS-14 African American History I  
 HIS-15 African American History II  
 HIS-21 History of Ancient Greece  
 HIS-22 History of Ancient Rome  
 HIS-26 History of California  
 HIS-31 Introduction to Chicano Studies\*  
 HIS-34 History of Women in America\*  
 HIS-35 History of England  
 HUM-4 Arts and Ideas: Ancient World  
 HUM-4H Honors Arts and Ideas:  
 HUM-5 Arts and Ideas:

HUM-5H Honors Arts and Ideas:  
 HUM-8 Introduction to Mythology  
 HUM-10 World Religions or  
 HUM-10H Honors World Religions  
 HUM-23 The Bible as Literature  
 HUM-35 Philosophy of Religion  
 MAT-32 Introduction to Symbolic Logic  
 PHI-10/10H Introduction to Philosophy  
 PHI-12 Introduction to Ethics  
 PHI-15 Bio-Medical Ethics  
 PHI-32 Introduction to Symbolic Logic  
 PHI-35 Philosophy of Religion  
 SPA-1 Spanish 1  
 SPA-1H Honors Spanish 1  
 SPA-2 Spanish 2  
 SPA-2H Honors Spanish 2  
 SPA-3 Spanish 3  
 SPA-3N Spanish for Spanish Speakers  
 SPA-4 Spanish 4  
 SPA-8 Intermediate Conversation  
 SPA-11 Spanish Culture and Civil  
 SPA-12 Latin American Culture

**D. Social Sciences (min. 9 semester units) – Select three courses from at the two disciplines.**

ADJ-1 Intro to Administration of Justice  
 ADJ-3 Concepts of Criminal Law  
 ANT-2 or 2H Cultural Anthropology  
 ANT-3 Prehistoric Cultures  
 ANT-4 Native American Cultures  
 ANT-5 Cultures of Ancient Mexico  
 ANT-6 Introduction to Archaeology  
 ANT-7 Anthropology of Religion  
 ANT-8 Language and Culture  
 COM-9 Interpersonal Communication  
 or COM-9H Honors Interpersonal Comm.  
 COM-12 Intercultural Communication  
 COM-13 Gender Communication  
 EAR-20 Child Growth and Development  
 EAR-42 Child, Family, and Community  
 ECO-4 Introduction to Economics  
 ECO-5 Economics of the Environment  
 ECO-6 Introduction to Political Economy  
 ECO-7 or 7H Principles of Macro  
 ECO-8 or 8H Principles of Micro  
 GEG-2 Human Geography  
 GEG-3 World Regional Geography  
 HIS-1 History of World Civilizations I\*  
 HIS-2 History of World Civilizations II\*  
 HIS-4 History of Western Civilizations I\*  
 HIS-5 History of Western Civilizations II  
 HIS-6 Political and Social History of the US\*  
 HIS-6H Honors Political and Social History US  
 HIS-7 Political and Social History of the U.S.\*  
 HIS-7H Honors Political and Social History US\*  
 HIS-8 History of the Americas  
 HIS-9 History of the Americas

HIS-11 Military History of the US to 1900  
 HIS-12 Military History of the US since  
 HIS-14 African American History I  
 HIS-15 African American History II  
 HIS-21 History of Ancient Greece  
 HIS-22 History of Ancient Rome  
 HIS-26 History of California  
 HIS-31 Intro to Chicano/a Studies\*  
 HIS-34 History of Women in America\*  
 HIS-35 History of England  
 JOU-7 Mass Communications  
 POL-1 American Politics  
 POL-1H Honors American Politics  
 POL-2 or 2H Comparative Politics  
 POL-3 Intro to Politics  
 POL-4 or 4H Intro to World Politics  
 POL-5 The Law and Politics  
 POL-6 Introduction to Political Economy  
 POL-8 Administration and Policy Dev  
 POL-11 Political Theory  
 PSY-1 or 1H General Psychology (Honors)  
 PSY-8 Introduction to Social Psychology  
 PSY-9 Developmental Psychology  
 PSY-33 Theories of Personality  
 PSY-35 Abnormal Psychology  
 PSY-50 Research Methods  
 SOC-1 Introduction to Sociology  
 SOC-2 American Social Problems  
 SOC-10 Race and Ethnic Relations  
 SOC-12 Marriage and Family Relations  
 SOC-20 Introduction to Criminology  
 SOC-50 Introduction to Social Research

**E. Lifelong Learning and Self-Development (min. 3 semester units)**

BIO-30 Human Reproduction

KIN Activities (1 Unit)

DAN Activities (1 Unit)

EAR-20 Child Development

EAR-42 Child, Family and Community

GUI-47 Career Exploration and Life Planning

GUI-48 College Success Strategies

HES-1 Health Science

KIN-4 Nutrition

KIN-10 Introduction to Kinesiology

KIN-35 Foundation for Fitness and Wellness

KIN-36 Wellness: Lifestyle Choices

KIN-38 Stress Management

PSY-9 Developmental Psychology

PSY-33 Theories of Personality

SOC-12 Marriage and Family Relations

**Veterans who submit a DD214 will be awarded 3 units of credit and cleared area E on CSUGE.**

**Certification of Kinesiology and Dance activities is Maximum of 1 unit. Activity should be paired with GUI 48 for full area certification.**

**United States History, Constitution and Government (6 semester units)**

Although this is not part of the general education requirements, it is a CSU graduation requirement that you can complete at a community college before you transfer. HIS- courses listed below may also be used to partially fulfill area C or D. POL-1 or 1H may also be used to partially fulfill area D.

**1. U.S. History (3 units)**

HIS-6 or 6H Political &amp; Social History of the U.S.

HIS-7 or 7H Political &amp; Social History of the U.S.

HIS-11 or 12 Military History of the U.S 1 or II

HIS-14 or 15 African American History I or II

HIS-31 Intro to Chicano Studies

HIS-34 History of Women in America

**2. Constitution and Government (3)**

POL-1 American Politics

POL-1H Honors American Politics

1. Courses cannot be double-counted to satisfy more than one area, even if a course is listed in more than one area
2. Upper division transfer students will need to complete a minimum of 60 transferable units, their "Golden 4" courses, and at least 30 units of general education.
3. "Golden 4 Courses" in Areas A-1, A-2, A-3, and B-4 must be completed with grades of "C" or better.
4. Some CSU campuses may require specific general education courses based upon the major. Check with a counselor to ensure proper academic planning.
5. It is highly recommended to make an appointment with a counselor to complete a student educational plan (SEP).
6. MVC's POL-1 fulfills the CSU graduation requirement in both U.S. government and California state and local government. Students with a score of 3 or higher on the AP U.S. Government and Politics exam or who have taken a U.S. government class at an out-of-state institution may have fulfilled the U.S. government requirement but will still need to fulfill the California state and local government in order to graduate from the CSU.

**MVC 17 18 Advising sheet CSUGE 6/18/17/JH**





**Moreno Valley College**  
**Intersegmental General Education Transfer Curriculum (IGETC) 2017-2018**  
**for Transfer to CSU and UC**

If you choose to follow the IGETC, you must complete it before you transfer; otherwise you will be required to satisfy the specific lower division general education requirements of the university or college of transfer. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University (CSU) or University of California (UC) system without the need to take additional lower-division general education courses. Transfer students will receive IGETC certification after completing all of the subject areas below with a min. "C" grade or better (A grade of "C-" is not acceptable.)

**Area 1 - English Communication (min. 6-9 semester units)**

**CSU** – Three courses required; select one from each group

**UC** – Two courses required; select one from group 1A and one from group; 1B: ADT degrees will require area 1C to be completed

**1A - English Composition**

ENG-1A English Composition or

ENG-1AH Honors English Composition

**1B - Critical Thinking – English Composition**

ENG-1B Critical Thinking and Writing or

ENG-1BH Honors Critical Thinking and Writing

**1C - Oral Communication (CSU requirement only)**

COM-1 Public Speaking (Formerly SPE-1) or

COM-6 Dynamics of Small Group Communication

COM-1H Honors Public Speaking (Formerly SPE-1H)

COM-9 Interpersonal Communication (Formerly SPE-9) or

COM-2 Persuasion in Rhetorical Perspective

COM-9H Honors Interpersonal Communication

**Area 2 – Mathematical Concepts and Quantitative Reasoning (min. 3 semester units) – select one course:**

MAT-1A-Calculus I

MAT-2-Differential Equations

MAT-12-Statistics

MAT-1B-Calculus II

MAT-3-Linear Algebra

PSY-48-Statistics for the Behavior Sciences

MAT-1C-Calculus III

MAT-10-Precalculus

SOC-28-Statistics for the Behavior Sciences

MAT-11 College Algebra

**Area 3 – Arts and Humanities (min. 9 semester units) –Select three courses, with at least one course from the Arts and one course from the Humanities:**

**3A – Arts**

ART-1 History of Western Art: Prehistoric,

ART-2 History of Western Art: Renaissance

ART-5 History of Non-Western Art

ART-6 or 6H Art Appreciation

ART-7 Women Artists in History ART-9 African

Art History ART-12 Asian Art History

ART-13 Pre-Columbian Art History

ART-14 Latin American Art History

DAN-6 Dance Appreciation

FST-1 Introduction to Film Studies FST-3

Introduction to Int'l Cinema

FST-4 Introduction to Film Genres

FST-5 Fiction and Film: Adaptation

MUS-3 Fundamentals of Music

MUS-4 Music Theory I

MUS-19 or 19H Music Appreciation

MUS-20 Great Composers & Music I

MUS-21 Great Composers & Music II

MUS-22 Survey of Music Literature

MUS-23 History of Rock and Roll

MUS-25 Jazz Appreciation

MUS-26 Film Music Appreciation

THE-3 Introduction to the Theater

**3B**

COM-12 Intercultural Communication

ENG-6 British Literature I: Anglo-Saxon to 18th Century

ENG-7 British Literature II: Romanticism to Postmodernism

ENG-9 Introduction to Shakespeare

ENG-14 American Literature I: Pre-Contact to Civil War

ENG-15 American Literature II: 1860 to the Present

ENG-16 Introduction to Linguistics

ENG-20 African American Literature

ENG-23 The Bible as Literature

ENG-25 Latino Literature of the United States

ENG-30 Children's Literature

ENG-35 Images of Women in Literature

ENG-40 World Literature I: From Ancient through 1650

ENG-41 World Literature II: 1650 C.E. to the Present

ENG-48 Short Story and Novel from 20th Century to Present

HIS-1 History of World Civilizations I

HIS-2 History of World Civilizations II

HIS-4 History of Western Civilizations I

HIS-5 History of Western Civilizations II

HIS-6 or 6H Political and Social History of the U.S.

HIS-7 or 7H Political and Social History of the U.S.

HIS-11 Military History of the US to 1900

HIS-12 Military History of the US since 1900

HIS-14 African American History I

HIS-15 African American History II

HIS-21 History of Ancient Greece

HIS-22 History of Ancient Rome

HIS-26 History of California

HIS-31 Introduction to Chicano Studies\*

HIS-34 History of Women in America\*

HIS-35 History of England

HUM-4 or 4H Arts and Ideas: Ancient World

Through the Late Medieval Period

HUM-5 Arts and Ideas: The Renaissance through

The Modern Era

or HUM-5H Honors Arts and Ideas The Renaissance

Through the Modern Era

HUM-8 Introduction to Mythology

HUM-10 World Religions

HUM-10H Honors World Religions

HUM-23 The Bible as Literature

HUM-35 Philosophy of Religion

PHI-10 Introduction to Philosophy or

PHI-10H Honors Introduction to Philosophy

PHI-12 Introduction to Ethics:

Contemporary Moral Issues

PHI-35 Philosophy of Religion

SPA-2 Spanish 2

SPA-2H Honors Spanish 2

SPA-3 Spanish 3

SPA-3N Spanish for Spanish Speakers

SPA-4 Spanish 4

SPA-8 Intermediate Conversation

SPA-11 Spanish Culture and Civilization

SPA-12 Latin American Cultural

and Civilization

**Area 4 – Social and Behavioral Sciences (min. 9 semester units) – Select three courses from at least two disciplines:**

ADJ-1 Intro to Administration of Justice	GEG-2 Human Geography	POL-2 Comparative Politics
ADJ-3 Concepts of Criminal Law	GEG-3 World Regional Geography	POL-2H Honors Comparative Politics
ANT-1 Physical Anthropology*	HIS-1 History of World Civilizations I*	POL-3 Intro to Politics
ANT-1H Honors Physical Anthropology	HIS-2 History of World Civilizations II*	POL-4 Introduction to World Politics
ANT-2 Cultural Anthropology	HIS-4 History of Western Civilization	POL-4H Honors Introduction to World Politics
ANT-2H Honors Cultural Anthropology	HIS-5 History of Western Civilization	POL-5 The Law and Politics
ANT-4 Native American Cultures	HIS-6 Political and Social History of the US	POL-6 Introduction to Political Economy
ANT-5 Cultures of Ancient Mexico	HIS-6H Honor Political and Social History	POL-11 Political Theory
ANT-6 Introduction to Archaeology	HIS-7 Political and Social History of the US	PSY-1 General Psychology
ANT-7 Anthropology of Religion	HIS-7H Honors Political and Social History	PSY-1H Honors General Psychology
ANT-8 Language and Culture	HIS-11 Military History of the US to 1900	PSY-2 Physiological Psychology
COM-12 Intercultural Communication*	HIS-12 Military History of the US since 1900	PSY-8 Introduction to Social Psychology
COM-13 Gender Communication	HIS-14 African American History	PSY-9 Developmental Psychology
EAR-20 Child Development	HIS-15 African American History II	PSY-33 Theories of Personality
ECO-4 Introduction to Economics**	HIS-21 History of Ancient Greece	PSY-35 Abnormal Psychology
ECO-5 Economics of the Environment	HIS-22 History of Ancient Rome	PSY-50 Research Methods in Psychology
ECO-6 Introduction to Political Economy	HIS-26 History of California	SOC-1 Introduction to Sociology
ECO-7 Principles of Macroeconomics or	HIS-31 Introduction to Chicano Studies	SOC-2 American Social Problems
ECO-7H Honors Principles of Macroeconomics	HIS-34 History of Women in America	SOC-10 Race and Ethnic Relations
ECO-8 Principles of Microeconomics	HIS-35 History of England	SOC-12 Marriage and Family Relations
ECO-8H Principles of Microeconomics Honors	POL-1 American Politics	SOC-20 Introduction to Criminology
JOU-7 Mass Communications	POL-1H Honors American Politics	SOC-50 Introduction to Social Research

**Area 5 – Physical and Biological Sciences (min. 7 semester units) – Select at least one Physical and one Biological Science course. One of the two courses must include a lab – see underlined courses:****5A – Physical Science**

AST-1A Introduction to Astronomy	CHE-2A Introductory Chemistry 1 **	PHY-4A Mechanics
AST-1B Introduction to the Stars	CHE-2B Introductory Chemistry 1 I**	PHY-4B Electricity and Magnetism
CHE-1A General Chemistry I	GEG-1 Physical Geography	PHY-4C Heat, Light and Waves
CHE-1AH Honors General Chemistry I	GEG-1H Honors Physical Geography	PHY-4D Modern Physics
CHE-1B General Chemistry II	GEG-1L Physical Geography Laboratory	PHY-10 Introductory General Physics
CHE-1BH Honors General Chemistry II	(GEG-1L has a corequisite of GEG-1 or 1H)	PHY-11 Physics Lab
	PHS-1 Introduction to Physical Science	(PHY-11 has a corequisite of PHY-10)

**5B - Biological Science**

AMY-2A Anatomy and Physiology I	BIO-1 or 1H General Biology	BIO-34 Human Genetics
AMY-2B Anatomy and Physiology II	BIO-11 or 11H Introduction to Cellular Biology	MIC-1 Microbiology
AMY-10 Survey of Human Anatomy and	BIO-12 Introduction to Organismal	PSY -2 Physiological Psychology
ANT-1 or 1H , 1L; Physical Anthropology	BIO-17 Human Biology	

**5C - Lab Science: This requirement is satisfied by completion of any one course from area 5A or 5B with a laboratory. Lab courses are underlined****Area 6 – Languages Other Than English (Select one course – UC requirement only)****6A:**

AML-1 American Sign Language I	SPA-1 Spanish I
AML-2 American Sign Language II	SPA-1H Honors Spanish I
	SPA-2 Spanish II
	SPA-2 H Honors Spanish II
	SPA-3 Spanish III
	SPA-3N Spanish For Spanish Speakers
	SPA- 4 Spanish IV

**6B Proficiency equivalent to two years of high school in the same language. Students from non-English speaking countries should see a counselor for language proficiency equivalencies.**

CSU Graduation Requirement Only in United States History, Constitution and Government (6 semester units)

Although, this is not part of the IGETC, it is a CSU graduation requirement that you can complete at a community college before you transfer. Complete one from each area

**Area 1**

US History (3 Units) HIS-6 or 6H or 7 or 7H; HIS 11, 12, 14, 15, 31, 34; may also be used to partially fulfill area 3B or 4.

**Area 2**

Constitution and Government (3 Units) POL-1 or 1H may also be used to partially fulfill area 4.

IGETC Advisement: Former UC, CSU and students with coursework from other four-year institutions, including outside the U.S., should consult with a counselor to determine whether they should complete IGETC or the lower-division general education requirements at the campus they plan to attend. For the UC: Students who initially enroll at a UC campus, then leave and attend a California Community College, and subsequently return to the same UC campus, are considered “re-admits” by the UC. Such students cannot use IGETC. However, students who enroll at a UC campus, then leave and attend a California Community College, and subsequently return to a different UC campus may use the IGETC pattern. It is recommended that students meet with a counselor to discuss possible further IGETC limitations. Note: Moreno Valley College, Riverside City College and Norco College are separate colleges and the courses that are approved for IGETC may vary. Students who wish to take courses at another institution and apply them towards IGETC should always first consult with a counselor to make sure the course will fulfill the intended requirement.

**Notes**

1. Courses cannot be double-counted to satisfy more than one area, even if a course is listed in more than one area. The only exceptions to this are several courses in Area 6A –Language Other Than English, which can also be counted towards area 3B.
2. UC limits transfer credit for some courses. Students may review the UC Transfer Course Agreement (TCA) with a counselor for information on course limitations.
3. Some of the UC campuses do not accept or recommend IGETC for certain majors, (i.e. Engineering, Sciences). Students should consult with a counselor to determine the most appropriate general education pattern for their major and intended transfer institution.
4. A score of 3, 4, or 5 on an Advanced Placement exam can be used to satisfy all areas on the IGETC except for the 1B- Critical Thinking-English Composition and 1C-Oral Communication requirements.
5. For upper division transfer, students must complete 60 UC transferable units.

### ***INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM FOR STEM***

**IGETC for STEM** - Students pursuing certain Associate Degrees for Transfer may be eligible to complete IGETC for STEM, deferring two to three lower-division GE courses until after transfer. IGETC for STEM is applicable only to majors in which the Transfer Model Curriculum explicitly indicates the availability of the option. **At Moreno Valley College, currently only ADT's in Biology allow IGETC for STEM.**

**“IGETC for STEM” certification as part of an Associate Degree for Transfer in Biology would require:**

**Complete the following courses *before* transfer:**

- All courses in Areas 1, 2, and 5 of the traditional IGETC; and
- One course in Area 3A; one course in Area 3B; and two courses in Area 4 from two different disciplines.

**Complete the following courses *after* transfer:**

- One remaining lower-division general education course in Area 3;\*
- One remaining lower-division general education course in Area 4;\* and
- One course in Area 6 for UC-bound students who have not satisfied it through proficiency.\*

\*These deferred lower division courses must be replaced with calculus and/or science courses required by the major before transfer.

*Please consult with a Moreno Valley College counselor to discuss which general education pattern is the best option for you based on your individual major, goals, and transfer institution.*

### ***CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION FOR STEM***

**CSU GE for STEM** - Students pursuing certain Associate Degrees for Transfer may be eligible to complete CSU GE for STEM, deferring two lower-division GE courses until after transfer. CSU GE for STEM is applicable only to majors in which the Transfer Model Curriculum explicitly indicates the availability of the option. **At Moreno Valley College, currently only the ADT in Biology allows CSU GE for STEM.**

**“CSU GE Breadth for STEM” certification as part of an Associate Degree for Transfer in Biology would require that the student has completed:**

- a. All courses in Areas A, B, and E of the traditional GE Breadth curriculum; and
- b. One course in Area C1 Arts and one course in Area C2 Humanities; and
- c. Two courses in Area D from two different disciplines.

*Please consult with a Moreno Valley College counselor to discuss which general education pattern is the best option for you based on your individual major, goals, and transfer institution.*