

REQUIREMENTS FOR TRANSFER TO A FOUR-YEAR COLLEGE OR UNIVERSITY

Norco 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. Norco 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 Norco College articulation officer. International coursework may only be applied to CSU GE if the international institution has United States regional accreditation. All other international coursework cannot be applied to CSU GE.

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 (three semester units or four to five quarter units each).
 - Complete one transferable course in mathematical concepts and quantitative reasoning (three semester or four to five quarter units).
 - Complete four transferable college courses (three 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 high 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 three semester or four to five 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 2019 must follow the 2019-2020 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 Norco 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 Norco College Admissions & Records department or through their WebAdvisor account.

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). 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 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.

Counselors can always help students interpret or explain C-ID designations.

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 Norco 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 Norco 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.



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 Norco College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to: www.calstate.edu/transfer/adt-search/search.shtml.

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

ADMINISTRATION OF JUSTICE (CSUGE) NAS642 (IGETC) NAS643

This degree is designed to facilitate the student's passage from Norco College to the California State University system with an Associate in Science in Administration of Justice for Transfer degree. This degree will satisfy the lower division requirements for the eventual conferral of the Bachelor's Degree in Criminal Justice at a CSU. With this degree the student will be prepared to enter the American Justice system as an entry level professional in numerous areas.

Program Learning Outcomes

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

- Demonstrate an applicable knowledge of the many facets of the American Justice System and the interrelationship of functions among them.
- Demonstrate a working knowledge of the theory and practice of law enforcement, community policing, criminal law, judicial procedure, criminal investigation, and corrections within the American Justice System.
- Demonstrate the ability to interact with the public and members of the American Justice System in a manner to reflect professionalism in speaking, reading, writing, and the ability to compile, integrate, and disseminate diverse information.

Required Courses (18-19 Units)		Units
ADJ-1*	Introduction to the Administration of Justice	3
ADJ-3*	Concepts of Criminal Law	3
List A	Choose from the list below	6
List B	Choose from the list below	6-7

List A Choose two courses from the following (6 Units)		Units
ADJ-2	Principles and Procedures of the Justice System	3
ADJ-4	Legal Aspects of Evidence	3
ADJ-5	Community Relations	3
ADJ-8	Juvenile Law and Procedures	3
ADJ-12	Introduction to Criminalistics	3
ADJ-13	Criminal Investigation	3
ADJ-20	Introduction to Corrections	3

List B Choose two courses from the following (6-7 Units)		Units
Any LIST A course not already used		
ADJ-9*	Law in American Society	3
ADJ-14	Advanced Criminal Investigation	3
ADJ-200	Work Experience	3
MAT-12*/12H*	Statistics/Honors	4
OR		
PSY/SOC-48*	Statistics for the Behavioral Sciences	3
POL-1*/1H*	American Politics/Honors	3
PSY-1*/1H	General Psychology/Honors	3
SOC-1*/1H*	Introduction to Sociology/Honors	3
SOC-2*	American Social Problems	3
SOC-20*	Introduction to Criminology	3
SOC-50*	Introduction to Social Research Methods	3

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

Associate in Science for Transfer Degree

The Associate in Science in Administration of Justice for Transfer degree will be awarded upon completion of coursework totaling 60 California State University (CSU) transferable units including the 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.

ANTHROPOLOGY (CSUGE) NAA616 (IGETC) NAA618

The Associate in Arts in Anthropology for Transfer Degree 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. 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 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*/1H*	Physical Anthropology/Honors	3
ANT-2*/2H*	Cultural Anthropology /Honors	3
ANT-6*	Introduction to Archaeology	3
Group A	Choose 6-7 units from below	6-7
Group B	Choose 3 units from below	3

Electives Group A (6-7 units)		Units
ANT-3*	Prehistoric Cultures	3
GEG-1*/1H*	Physical Geography /Honors	3
GEG-2*	Human Geography	3
MAT-12*/12H*	Statistics/Honors Statistics	4

Electives Group B (3 units)		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
ANT-10	Forensic Anthropology	3

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

Associate in Arts for Transfer Degree

The Associate in Arts in Anthropology for Transfer degree 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.

ART HISTORY**(CSUGE) NAA742
(IGETC) NAA743**

The Associate in Arts in Art History for Transfer degree is designed to facilitate the student's passage from Norco College to the California State University System with an emphasis in art history. This degree is intended to satisfy the lower division requirements for the Baccalaureate Degree in Studio Art, Art History track at a California State University. It will also provide the student with a sufficient academic basis from which to pursue a career in the studio art professions.

Program Learning Outcomes

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

- Identify, describe, analyze, and discuss the stylistic characteristics of a wide variety of countries, regions, and periods of European and non-European artworks.
- Formulate and synthesize observations and evaluations regarding the historical, social, and political context in which various forms of art were created in both written and oral form.
- Apply various methodologies for interpreting a range of art forms to evaluate and analyze the ideas and philosophies expressed and explored within the art works.
- Critique, compare, and contrast various key artists, artworks, and styles across a wide span of time using appropriate art terminology.
- Recognize distinctive iconography from a mixture of different geographical areas and relate these manifestations to local, social, cosmological, and political institutions.

Required Courses: (18-20 units) Units

ART-1*	History of Western Art: Prehistoric, Ancient and Medieval	3
ART-2*/2H*	History of Western Art: Renaissance through Contemporary/Honors History of Western Art: Renaissance through Contemporary	3
ART-17	Beginning Drawing	3
Electives	Choose from List A	3
Electives	Choose from List B	3
Electives	Choose from List C	3-5

List A: Choose 3 units from the following: Units

ART-5*	History of Non-Western Art	3
ART-9*	African Art History	3
ART-12*	Asian Art History	3
ART-13*	Pre-Columbian Art History	3
ART-14*	Latin American Art: Colonial to the Present	3

List B: Choose 3 units from the following: Units

ART-18	Intermediate Drawing	3
ART-20	Beginning Sculpture	3

ART-22	Basic Design	3
ART-23	Color Theory and Design	3
ART-24	Three Dimensional Design	3
ART-26	Beginning Painting	3
ART-36A	Computer Art-Introduction	3
ART-40A	Figure Drawing-Introduction	3

List C: Choose 3-5 units from the following: Units

Any course from List A or List B not already used above		
ART-7*	Women Artists in History	3
ART-10*	Modern and Contemporary Art History	3
FRE-1*	French 1	5
FRE-2*	French 2	5
SPA-1*	Spanish 1	5
SPA-2*	Spanish 2	5
SPA-3*	Spanish 3	5
SPA-4*	Spanish 4	5

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

Associate in Arts for Transfer Degree

The Associate in Arts in Art History for Transfer degree 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 "P") or better.

Total Units: 18-20

BIOLOGY**(CSUGE) NAS767
(IGETC) NAS768**

The Associate in Science in Biology for Transfer Degree 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 earn a baccalaureate degree in biology. The intent of this degree is to assist students in seamlessly transferring to a California State University.

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-60 (Formerly BIO-11*)	
Introduction to Molecular and Cellular Biology	5
BIO-61* (Formerly BIO-12*)	
Introduction to Organismal and Population Biology	5
CHE-1A*	5
CHE-1B*	5
MAT-1A*	4
PHY-2A*	4
and	
PHY-2B*	4
OR	
PHY-4A*	4
and	
PHY-4B*	4
Electricity & Magnetism	

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

Associate in Science for Transfer Degree

The Associate in Science in Biology for Transfer degree will be awarded upon completion of 60 semester CSU-transferable units including the above major requirements and the California State University-General Education-Breadth for STEM pattern (CSU GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) for STEM 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.

BUSINESS ADMINISTRATION (CSUGE) NAS626 (IGETC) NAS628

This degree is designed to facilitate the student's passage from Norco College to the California State University (CSU) 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 a CSU. With this degree the student will be prepared for transfer to the university upper division level. Additionally, the intent of an associate degree for transfer is to assist students in seamlessly transferring to a CSU.

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 (24-26 units)	Units
ACC-1A	3
ACC-1B	3
BUS-18A	3
ECO-7*/7H*	3
ECO-8*/8H*	3

	Principle of Microeconomics	3
List A	Select from the list below	3-4
List B	Select from the list below	6-7

List A Select one course from the following (3-4 units)	Units
MAT-4*	3
MAT-5*	4
MAT-12*/12H*	4

List B Select two courses from the following (6-7 units)	Units
Any course from List A not used above	3-4
CIS-1A	3
BUS-10/10H	3
or BUS-24	3

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

Associate in Science for Transfer Degree

The Associate in Science in Business Administration for Transfer degree will be awarded upon completion of 60 semester CSU-transferable units; the California State University-General Education-Breadth pattern (CSU GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern; a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; obtainment of a minimum grade point average (GPA) of 2.0; earn a grade of C or better in all courses required for the major or area of emphasis.

CHEMISTRY (IGETC) NAS769

The Associate in Science in Chemistry for Transfer Degree introduces the concepts and principles upon which chemical knowledge is based, including chemical structures and nomenclature, stoichiometry and solving of chemical equations, the thermodynamics of chemical reactions, and theories of chemical bonding. Students will develop skills for critical/analytical thinking, perceptive reading/observation and interpretation. The Associate in Science in Chemistry for Transfer degree provides students with a core curriculum that will prepare them with the knowledge and skills required to earn a baccalaureate degree in chemistry.

Program Learning Outcomes

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

- Master content in inorganic and organic chemistry by describing chemical and physical structures and nomenclature, stoichiometry and solving of chemical equations, and analyzing and describing the nature of chemical reactions and energy.
- Measure and characterize properties of matter using a variety of research-level chemical instrumentation, laboratory techniques, statistical and computational methods
- Display effective cooperation with others on projects and clearly communicate experimental results through oral and written means.
- Demonstrate professional integrity, safety, and environmental stewardship.

Required Courses (36 Units)		Units
CHE-1A*	General Chemistry I	5
CHE-1B*	General Chemistry II	5
CHE-12A*	Organic Chemistry I	5
CHE-12B*	Organic Chemistry II	5
PHY-4A*	Mechanics	4
PHY-4B*	Electricity and Magnetism	4
MAT-1A*	Calculus I	4
MAT-1B*	Calculus II	4

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

Associate in Science for Transfer Degree

The Associate in Science in Chemistry for Transfer degree will be awarded upon completion of 60 semester CSU-transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) for STEM 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.

CHILD AND ADOLESCENT DEVELOPMENT

(CSUGE) NAA885
(IGETC) NAA886

PROGRAM PREREQUISITE: None.

The Associate in Arts in Child and Adolescent Development for Transfer degree is a 60-unit degree program that provides lower-division preparation for students planning to transfer to a CSU for a Bachelor's degree in Child and Adolescent Development, Child Development, Child, Adolescent & Family Studies, Human Development or other related majors. The intention of this degree is to prepare students to transfer and complete degrees and professional programs in the fields of K-12 teaching, clinical social work, clinical psychology, school psychology, school counseling, college teaching, public policy, and/or developmental research. In this major, students will explore theories and concepts about bio-physical, socio-emotional, and cognitive developmental milestones from conception through adolescence; individual and cultural differences; and common variations in development. In this broad, interdisciplinary curriculum, students will develop critical thinking, writing, and oral presentation skills in preparation to be professionals working with children and families.

Program Learning Outcomes

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

- Compare and contrast typical and atypical development of children and adolescents in the biophysical, cognitive, and psychosocial domains.
- Relate developmental theory to the observation and assessment of children and teaching practices.
- Identify the correct ECE observation method for gathering authentic assessments on children.
- Understand and apply Developmentally Appropriate Practice in the creation of curriculum and the use of specific teaching strategies to enhance learning.
- Evaluate the role that context (i.e., family, peers, schools, communities, cultures, diversity) and individual experience plays in development.
- Describe the scientific approach to research in the social and behavioral sciences.

- Describe and defend current guidelines for the ethical treatment of children and adolescents.
- Apply basic research methods, including research design, qualitative and quantitative analysis, and the interpretation of data.
- Demonstrate effective written communication skills using APA format.

Required Courses (18-20 units)		Units
EAR-20*	Child Growth and Development	3
PSY-1*/1H*	General Psychology/Honors	3
MAT-12*/12H*	Statistics/Honors	4
OR		
PSY-48*/SOC-48*	Statistics for the Behavioral Sciences	3
List A	Select from the list below	3
List B	Select from the list below	6-7

LIST A Select one course from the following (3 units)		Units
ANT-2*/2H*	Cultural Anthropology/Honors	3
	Introduction to Social Psychology	3
EAR-42 *	Child, Family, and Community	3
SOC-1*/1H*	Introduction to Sociology/Honors	3
SOC-10*	Race and Ethnic Relations	3
SOC-12*	Marriage and Family Relations	3

LIST B Select two courses course from the following (6-7 units)		Units
BIO-1*/1H*	General Biology/Honors	4
OR		
BIO-10*	Life Science Principles	3
EAR-24	Introduction to Curriculum	3
EAR-28	Principles and Practices of Teaching Young Children	3
PSY-9*	Developmental Psychology	3

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

Associate in Arts for Transfer Degree

The Associate in Arts in Child and Adolescent Development for Transfer degree will be awarded upon completion of coursework totaling 60 California State University (CSU) transferable units including the 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.

Total Units: 18-20

COMMUNICATION STUDIES

(CSUGE) NAA587
(IGETC) NAA588

The Associate in Arts in Communication Studies for Transfer degree 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:

- 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-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-2* Persuasion in Rhetorical Perspective	3
COM-7* Oral Interpretation of Literature	3
COM-12* Intercultural Communication	3
COM-20* Introduction to Communication Theory	3
JOU-7* Mass Communications	3

Electives Group C (3-4 units)	Units
Any course not applied in group A or B above	
COM-11* Storytelling	3
COM-13* Gender and Communication	3
ANT-2*/2H* Cultural Anthropology/Honors	3
ENG-1B*/1BH* Critical Thinking and Writing/Honors	4
MAT-12*/12H* Statistics/Honors Statistics	4
PSY-1*/1H* General Psychology/Honors	3
SOC-1*/1H* Introduction to Sociology/Honors	3

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

Associate in Arts for Transfer Degree

The Associate in Arts in Communication Studies for Transfer degree awarded upon completion of 60 semester CSU-transferable units; the California State University-General Education-Breadth pattern (CSU GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern; a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district; obtainment of a minimum grade point average (GPA) of 2.0; earn a grade of "C" or better in all courses required for the major or area of emphasis.

COMPUTER SCIENCE (IGETC) NAS650

The Associate in Science in Computer Science for Transfer degree 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
CSC/CIS-5 Programming Concepts and Methodology I: C++	4
CSC/CIS-7 Discrete Structures	3
CSC/CIS-11 Computer Architecture and Organization: Assembly	3
CSC/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 in Science for Transfer Degree

The Associate in Science in Computer Science for Transfer degree 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.

EARLY CHILDHOOD EDUCATION (CSUGE) NAS529 (IGETC) NAS530

This program focuses on the theory and practice of early childhood care and education 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 in Science for Transfer Degree

The Associate in Science in Early Childhood Education for Transfer degree 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.

ENGLISH**(CSUGE) NAA648
(IGETC) NAA649**

The Associate in Arts in English for Transfer degree 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 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 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 this 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:

- Read a variety of literary texts (fiction, poetry, drama, literary non-fiction) with understanding and insight.
- Demonstrate critical thinking skills about literary texts, including the ability to construct and test interpretive hypotheses, analyze rival hypotheses, and recognize interpretive problems to which literary texts give rise.
- Write analytical or argumentative essays on literary texts that demonstrate effective stylistic, organizational, and rhetorical control, support claims with sound textual evidence, and employ correct MLA citation methods.
- Demonstrate an awareness of the relationship between literature and culture, including a recognition of literature as a product of as well as a contribution to human history.

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/HUM-8*	Introduction to Mythology	3
ENG-11*	Creative Writing	3
ENG-44*	Poetry from the Twentieth Century to the Present	3

List C Choose one course from the following (3 units):

		Units
Any course from List A and List B not already used		
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-30*	Children's Literature	3
ENG-35*	Images of Women in Literature	3
ENG-45*	Modern Drama	3
ENG-48*	Short Story and Novel from the Twentieth Century to the Present	3
COM-7*	Oral Interpretation of Literature	3
THE-3*	Introduction to Theater	3

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

Associate in Arts for Transfer Degree

The Associate in Arts in English for Transfer degree 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.

ENVIRONMENTAL SCIENCE (IGETC) NAS893

The Associate in Science in Environmental Science for Transfer Degree (AS-T in Environmental Science) introduces the concepts and principles upon which environmental knowledge is based including the biological, chemical, and physical concepts underlying scientific theory and application to environmental issues. Students will develop skills for critical/analytical thinking, perceptive reading/observation and interpretation to apply to environmental concerns affecting our everyday lives. The AS-T in Environmental Science provides students with a core curriculum to develop key skills for applying biological, physical, and chemical principles to the study of the environment and the developing solutions to environmental problems.

Program Learning Outcomes

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

- Examine the impact of humankind on the environment from scientific, sociological, political, and economic viewpoints both locally and globally.
- Apply concepts and implement skills learned in the sciences, mathematics, and humanities to real-world environmental issues.
- Demonstrate an ability to examine scientific evidence demonstrating how human activities affect many ecosystems and recommend alternatives to present practices.

Required Courses (40-41 Units)	Units
BIO-60* (Formerly BIO-11)	
Introduction to Molecular and Cellular Biology	5
CHE-1A* General Chemistry I	5
BIO-61* (Formerly BIO-12)	
Introduction to Organismal and Population Biology	5
OR	
CHE-1B* General Chemistry II	5
List A (14-15 Units)	Units
BIO-19* (Formerly BIO-36)	
Environmental Science	3
GEG-1*/1H* Physical Geography/Honors	3
AND	
GEG-1L* Physical Geography Laboratory	1
MAT-12*/12H* Statistics/Honors	4
OR	
PSY/SOC-48* Statistics for the Behavioral Sciences	3
MAT-1A* Calculus I	4

List B (11 Units) Units

ECO-8*/8H* Principles of Microeconomics/Honors	3
PHY-2A*+2B* General Physics I and II	8
OR	
PHY-4A*+4B* Mechanics AND Electricity & Magnetism	8

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

Associate in Science for Transfer Degree

The Associate in Science in Environmental Science for Transfer degree 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) for STEM requirements and with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" or better.

Total Units: 40-41

HISTORY (CSUGE) NAA744 (IGETC) NAA745

The Associate in Arts in History for Transfer Degree 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 in Arts in History at a California State University. This degree is designed to prepare students to transfer seamlessly to a CSU.

Program Learning Outcomes

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

- Describe, interpret, and evaluate a variety of sources of historical information.
- Demonstrate an understanding of the nature of historical processes.
- Describe and analyze economic, intellectual, political and social developments in history.
- Evaluate the role of individuals, institutions, and cultures in view of historical events in a global context.

Required Courses (18 units)	Units
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
HIS-1* History of World Civilizations I	3
HIS-2* History of World Civilizations II	3
List A Choose from the list below	3
List B Choose from the list below	3

List A Select one course from the following (3 units)

COM-12* Intercultural Communication	3
ENG-20* Survey of African American Literature	3
HIS-14* African American History I	3
HIS-25* History of Mexico	3
HIS-31* Introduction to Chicana/o Studies	3
HIS-34* History of Women in America	3
POL-4*/4H* Introduction to World Politics/Honor	3
SOC-10* Race and Ethnic Relations	3

List B Select one course from the following (3 units)

ECO-7*/7H*	Principles of Macroeconomics/Honors	3
GEG-2*	Human Geography	3
HIS-26*	History of California	3
HUM-4*/4H*	Arts and Ideas: Ancient World through the Late Medieval Period/Honors	3
HUM-5/5H*	Arts and Ideas: Renaissance through the Modern Era/Honors	3
POL-1*/1H*	American Politics/Honors	3
POL-2*	Comparative Politics	3
SOC-1*/1H*	Introduction to Sociology/Honors	3

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

Associate in Arts for Transfer Degree

The Associate in Arts in History for Transfer degree 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.

KINESIOLOGY (CSUGE) NAA890 (IGETC) NAA891

This degree is designed to facilitate the student's passage from Norco College to the California State University System with an Associate in Arts in Kinesiology for Transfer Degree. This degree will satisfy the lower division requirements for the eventual conferral of the Bachelor's Degree in Kinesiology. 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:

- Identify and investigate career pathways in the discipline of Kinesiology.
- Utilize fitness principles and training guidelines to plan and practice an individualized cardiorespiratory endurance, strength training, and flexibility program
- Demonstrate an understanding of basic anatomical and physiological principles.

Required Courses (20-23 units)		Units
KIN-10*	Introduction to Kinesiology	3
BIO-50A*	(Formerly AMY-2A) Anatomy and Physiology I	4
BIO-50B*	(Formerly AMY-2B) Anatomy and Physiology II	4

Movement-Based Courses

Select a maximum of one (1) course from each area below:

Combatives

KIN-A40*	Karate, Beginning	1
KIN-A41*	Karate, Intermediate	1

Fitness

KIN-A46*	Hatha Yoga, Beginning	1
KIN-A47*	Hatha Yoga, Intermediate	1
KIN-A75A*	Walking for Fitness: Beginning	1
KIN-A75B*	Walking for Fitness: Intermediate	1
KIN-A77A*	Jogging for Fitness, Beginning	1
KIN-A77B*	Jogging for Fitness, Intermediate	1
KIN-A81A*	Physical Fitness, Beginning	1
KIN-A81B*	Physical Fitness, Intermediate	1
KIN-A83*	Kickboxing Aerobics	1

Team Sports

KIN-A55*	Slow Pitch Softball	1
KIN-A64*	Soccer	1

List A: Select two courses from the following (6-9 units)

BIO-4*	(Formerly BIO-17) Human Biology	4
CHE-1A*	General Chemistry, I	5
KIN-30	First Aid and CPR	3
MAT-12*/12H*	Statistics/Honors Statistics	4
OR		
PSY/SOC-48*	Statistics for the Behavioral Sciences	3
PHY-2A*	General Physics I	4
OR		
PHY-4A*	Mechanics	4

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

Total Units: 20-23

The Associate in Arts in Kinesiology for Transfer degree 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 "P") or better.

MATHEMATICS (CSUGE) NAS719 (IGETC) NAS720

The Associate in Science Degree in Mathematics for 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
CSC/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 in Science for Transfer Degree

The Associate in Science in Mathematics for Transfer degree 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.

MUSIC

(CSUGE) NAA704 (IGETC) NAA705

The Associate in Arts in Music for Transfer Degree is designed to prepare the student for transfer to four-year institutions of higher education and is specifically intended to satisfy the lower division requirements for the Baccalaureate in Arts in Music at the California State University. This degree is designed to prepare students to demonstrate competence and discipline in the study of music theory, music analysis, music composition, and musicianship skills, and demonstrate proficiency in ensemble skills and solo performance skills. Completion of this curriculum will demonstrate commitment to the serious study of Music in practice and in theory and provide comprehensive preparation for upper division work.

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 20th century techniques.
- Write, analyze, and compose music using 20th century techniques, such as: tone row, 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
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 semesters from the following: 4

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

MUS-31	College Choir,	1
MUS-70	Guitar Lab Ensemble,	1
MUS-P70	Guitar Lab Ensemble II,	1
MUS-71	College Chorus,	1
MUS-85	Summer Chamber Ensembles,	1

*Course may also be used to fulfill general education requirements for the CSU GE or IGETC pattern, please confer with a counselor.

Associate in Arts for Transfer Degree

The Associate in Arts in Music for Transfer degree will be awarded upon completion of coursework totaling 60 California State University (CSU) transferable units including the 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.

Total Units: 24

NOTES:

Students in the Associate in Arts in Music for Transfer degree should be encouraged to study the courses below as additional preparations for upper-division music study:

MUS-32A,	Class Piano I,	1
MUS-32B,	Class Piano II,	1
MUS-32C,	Class Piano III,	1
MUS-32D,	Class Piano IV,	1
MUS-53,	Keyboard Proficiency,	1

PHILOSOPHY**(CSUGE) NAA715
(IGETC) NAA717**

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
or		
PHI-12*	Introduction to Ethics: Contemporary Moral Issues	3
List A	Choose from the list below	3
List B	Choose from the list below	6
List C	Choose from the list below	3

List A Take 3 units from the following:

Any course from the above required courses that has not been used or

PHI-33*	Introduction to Social and Political Philosophy	3
PHI/HUM 35*	Philosophy of Religion	3

List B Take 6 units from the following:

Any course from List A that has not been used or

PHI-11*	Critical Thinking	3
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List C Take 3 units from the following:

Any course from List A or B 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	3

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

Associate in Arts for Transfer Degree

The Associate in Arts in Philosophy for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including a minimum of 18 semester units or 27 quarter units in the major as determined by the community college district 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. All courses in the major must be completed with a grade of "C" or better.

PHYSICS**(CSUGE) NAS638
(IGETC) NAS640**

The Associate in Science in Physics for Transfer degree provides a foundation in physics and mathematics for students planning to transfer into a baccalaureate program in Physics. Successful completion of the transfer degree in Physics guarantees student acceptance to a local California State University to pursue a baccalaureate degree in Physics.

Program Learning Outcomes

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

- Apply appropriate physical laws and mathematical techniques to analyze various physical situations
- Perform various scientific experiments and to analyze data to check agreement with theoretical predictions

Required Courses (24 units)		Units
PHY-4A*	Mechanics	4
PHY-4B*	Electricity and Magnetism	4
PHY-4C*	Heat, Light and Waves	4
MAT-1A*	Calculus I	4
MAT-1B*	Calculus II	4
MAT-1C*	Calculus III	4

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

Associate in Science for Transfer Degree

The Associate in Science in Physics for Transfer degree will be awarded upon completion of coursework totaling 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.

POLITICAL SCIENCE**(CSUGE) NAA754
(IGETC) NAA755**

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

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

Any course from List A not already used or		
POL-5*	Law and Politics	3
POL-13*	Introduction to American Foreign Policy	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 in Arts for Transfer Degree

The Associate in Arts in Political Science for Transfer degree 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. All courses in the major must be completed with a grade of "C" or better.

PSYCHOLOGY

(CSUGE) NAA566 (IGETC) NAA568

The Associate in Arts in Psychology for Transfer degree 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:

- Understand and describe key concepts, principles, and applications in the field of psychology and its content domains.
- Apply information literacy and use scientific reasoning to interpret, design, and conduct basic psychological research and understand psychological phenomena.
- Use APA style to communicate the results of research in written reports and oral presentations.

Required Courses (19-20 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
PSY-48*/SOC-48*	Statistics for the Behavioral Sciences	3
OR		
MAT-12*/12H*	Statistics/Honors	4

List A	Choose from the list below	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 in Arts for Transfer Degree

The Associate in Arts in Psychology for Transfer degree will be awarded upon completion of coursework totaling 60 California State University (CSU) transferable units including the 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.

Total Units:

19-20

SOCIOLOGY

(CSUGE) NAA695 (IGETC) NAA696

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*/1H*	Introduction to Sociology/Honors	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*/12H*	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

SOC-3*	Social Inequality	3
SOC-15*	Women in American Society	3
ANT-2*/2H*	Cultural Anthropology/Honors	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 in Arts for Transfer Degree

The Associate in Arts in Sociology for Transfer degree 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.

SPANISH**(CSUGE) NAA707
(IGETC) NAA708**

The Associate in Arts in Spanish for 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 culture 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 (20 units) Units

SPA 1*	Spanish 1	5
SPA 2*	Spanish 2	5
SPA 3*	Spanish 3	5
SPA 4*	Spanish 4	5

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

Total Units 23

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

Associate in Arts for Transfer Degree

The Associate in Arts in Spanish for Transfer degree will be awarded upon completion of coursework totaling 60 California State University (CSU) transferable units including the 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.

**Note 2: If a student places out of any 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 the List A or the courses listed below. Any other course substitution must be approved by the Spanish department.

*** Note 3: If a student took the AP Spanish Literature and Culture exam and obtained the score of 3, 4, or 5, 3 units of credit can be applied under List A.

ANT-2/2H	Introduction to Cultural Anthropology/Honors	CSU Area D
ANT-5	Cultures of Ancient Mexico	CSU Area D
ANT-8	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
GEG-2	Human Geography	CSU Area D
HIS-25	History of Mexico	CSU Area C2 or D
HIS-31	Introduction to Chicano/a Studies	CSU Area C2 or D
SOC-1/1H	Introduction to Sociology/Honors	CSU Area D
SOC-10	Race and Ethnic Relations	CSU Area D

STUDIO ARTS

(CSUGE) NAA693 (IGETC) NAA694

The Associate in Arts in Studio Arts for Transfer provides a solid preparation for transfer majors in the various areas of studio art, including design, drawing, and painting. This Studio Arts degree has an emphasis in Art History. Additionally, the studio courses align well with preparation for transfer majors in related fields such as sculpture, photography, 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 proficient technical and creative skills with a variety of art materials.
- Understand works of art and design and the artistic contributions of diverse peoples through critical discussion and written assignments.
- Demonstrate, through the analysis of aesthetic and cultural values, an understanding of the contribution of art and design to human experience.

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

List A: Select 1 course (3 units) Units

ART-1*	History of Western Art: Prehistoric, Ancient, and Medieval	3
ART-5*	History of Non-Western Art	3
ART-9*	African Art History	3

List B: Select 3 courses (9 units) Units

ART-20	Beginning Sculpture	3
ART-23	Color Theory and Design	3
ART-26	Beginning Painting	3
ART-36A	Computer Art-Introduction	3
or one of the following:		
ART-18	Intermediate Drawing	3
ART-40A	Figure Drawing-Introduction	3

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

Associate in Arts for Transfer Degree

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