

Degree Requirements and Transfer Information

ASSOCIATE DEGREES

Cuyamaca College provides career, technical and general education to students who plan to complete their formal education at the community college level. In addition, the college provides the lower division requirements in general education and pre-professional majors for those students who plan to transfer to four-year colleges and universities. To assist students in educational planning, this section describes the graduation requirements for the Associate in Science (AS) degree and the Associate in Arts (AA) degree.

Granting of the AS or AA degree indicates successful completion of general educational requirements, plus evidence of proficiency in a specialized field. As a member of the Western Association of Schools and Colleges, most courses taken at Cuyamaca College are fully accepted on transfer by the University of California, all California State University campuses and other universities throughout the United States.

Many of the units earned in programs at Cuyamaca College are accepted toward the bachelor degree at four-year institutions. Students wishing to discuss career planning should consult with a counselor or a representative of the program in which they have special interest prior to registration.

The emphasis on career planning and education at Cuyamaca College is evidenced by the number of programs leading to the AS degree. In curriculum planning for career education, advisory committees composed of persons from various fields of specialization give of their time in order to ensure quality courses that furnish students with proficiencies essential to employment, retention on the job, and for living a more productive and full life.

GENERAL EDUCATION (GE) REQUIREMENTS:

NOTE: GE course choices for the Associate Degree may differ between Cuyamaca College and Grossmont College. Students should check both college catalogs for specific information if they plan to attend both campuses.

AREA A – LANGUAGE AND RATIONALITY

(Minimum of 6 semester units)

One course from each area:

- Written Communication**
ENGL 120
- Oral Communication and Analytical Thinking**
COMM 120, 122, 137, 145
ENGR 100
MATH 103, 110, 120, 125, 150, 160, 170, 175, 176, 178, 180, 245, 280, 281, 284
PHIL 125, 130
PSY 215

AREA B – NATURAL SCIENCES

(Minimum of 4 semester units)

One laboratory course must be included (laboratory courses are underlined):

- ANTH 130
ASTR 110, 112
BIO 112, 115, 122, 124, 126, 128, 130, 131, 140, 152, 210, 220, 221, 230, 240
CHEM 105, 113*, 115*, 116, 120*, 141
ET 110
GEOG 120, 121
GEOL 104, 110, 111
OCEA 112, 113
PHYC 110, 120, 121, 130, 131, 190, 200, 210

*Students will not receive credit for more than one of the following courses: CHEM 113, 115, 120.

AREA C – HUMANITIES

(Minimum of 3 semester units)

One of the following courses:

- ARAM 120, 121, 220
ARBC 120, 121, 145, 220, 221, 250, 251
ART 100, 120, 124, 129, 140, 141, 143, 144, 145
ASL 120
ENGL 122, 201, 202, 207, 214, 217, 221, 222, 231, 232, 270, 271, 275, 276, 277
FREN 120, 121, 220, 221, 250, 251
HIST 100, 101, 105, 106, 210
HUM 110, 115, 120, 140, 155
ITAL 120, 121, 220
MUS 110, 111, 114, 115, 116, 117
NAKY 120, 121, 220, 221
PHIL 110, 115, 117, 140, 160, 170
RELG 120, 130, 210, 215
SPAN 120, 120A & 120B*, 121, 141, 145, 220, 221, 250, 251
THTR 110, 120, 121

*General education credit for SPAN 120B only after completion of SPAN 120A.

AREA D – SOCIAL AND BEHAVIORAL SCIENCES

(Minimum of 3 semester units)

One of the following courses:

- ANTH 120
CD 115, 125, 131
COMM 110, 124
ECON 110, 120, 121
GEOG 106, 130, 132
HED 120, 122, 201
HIST 108, 109, 114, 115, 118, 119, 122, 123, 124, 130, 131, 132, 133, 180, 181
POSC 120, 121, 124, 130, 140
PSY 120, 125, 134, 138, 140, 165, 170, 220
SOC 120, 125, 130

ADDITIONAL REQUIREMENTS:

(Minimum 6 semester units)

Two additional courses from two different areas:

- Area B - Natural Sciences
- Area C - Humanities
- Area D - Social and Behavioral Sciences

GENERAL EDUCATION STUDENT LEARNING OUTCOMES

Cuyamaca College has adopted *Student Learning Outcomes* as an integral part of the General Education course pattern. All general education courses incorporate selected outcomes in the following areas: Thinking Skills; Quantitative Skills; Communication Skills; Lifelong Learning Skills; Adaptability to Change; and Enhancement of Personal Values. As well, courses are designed to include specific *Student Learning Outcomes* in the following areas:

- Interdisciplinary linkages: Promote an appreciation for the interdisciplinary and interdependent nature of courses in the curriculum.
- Information competency: Demonstrate competency in retrieving, organizing and using information.
- Writing-across-the-curriculum: Demonstrate competency in writing skills as a course and general education requirement.
- Diversity: Develop knowledge of different cultures, abilities and lifestyles; strengthen respect and the ability to work effectively with individuals from diverse populations.
- Workplace skills: Develop knowledge and specific applicable skills that are transferable to the workplace.

DEGREE REQUIREMENTS:

Cuyamaca College will confer the Degree of Associate in Science or Associate in Arts upon students who successfully complete the following requirements:

1. A minimum of 60 semester units of college work.
2. Competency Requirements
 - A. Completion of ENGL 120 with a grade of "C" or better, or a grade of "P**".
 - B. Completion of MATH 103 or a higher numbered mathematics class with a grade of "C" or better or a grade of "P**" or completion of MDTP Assessment placing into a class higher than MATH 103 or 110.
 - C. Successful score on an approved external examination in English and/or Math; see pages 45-46.
3. Exercise Science Degree Requirements

With the exception of the University Studies and AA-T Degrees, two activity courses in exercise science are required for graduation from Cuyamaca College. These courses are marked with an asterisk in the "Course Descriptions" section.

 - A. If medical reasons necessitate exclusion from exercise science, a medical statement must be on file with the Admissions and Records Office. Adaptive exercise science classes are available.
 - B. Veterans who have completed at least one year of honorable active service will receive up to 3 units of credit for exercise science which will satisfy the activity requirement for graduation. To receive credit for military service, a DD-214 and appropriate military records must be submitted to the Admissions and Records Office.
4. Achievement of a "C" average (2.0 GPA) in all college work counted toward general education requirements.
5. Achievement of a "C" grade or better in all courses counted towards a major requirement. (P/NP grading not accepted for major requirements.)
6. A maximum of 12 "P**" semester units taken in regular course work at this institution may be counted toward the 60 semester units required for graduation but shall not be included as part of the requirements for the major.
7. Residency
 - A. Students enrolled at Cuyamaca College during the semester in which they will have met all graduation requirements may obtain their degree from Cuyamaca College if they have satisfactorily completed AT LEAST 12 DEGREE APPLICABLE SEMESTER UNITS of approved course work at Cuyamaca College.
 - B. If a student is NOT enrolled at Cuyamaca College during the last semester prior to graduation then a total of 45 units of degree applicable courses in residence in the district are required, regardless of how much time has elapsed.
 - C. Active military personnel may obtain their degree from Cuyamaca College if they have met all graduation requirements and have completed at least 12 semester units of approved course work at Cuyamaca College, regardless of whether or not they are enrolled during the term in which they graduate.

8. Petition for Graduation

- A. It is the responsibility of the student who expects to graduate to file a written petition for graduation on the form provided by the Admissions and Records Office. The application should be filed prior to the deadline for the semester in which the student plans to complete requirements for a degree. (See Academic Calendar for deadline dates.)
- B. Official transcripts from all colleges attended must be on file in the Admissions and Records Office.
- C. The student may choose to meet requirements in a catalog published after admission provided continuous attendance is maintained. A student not in continuous attendance at Cuyamaca College should be aware that he/she must meet degree requirements listed in the catalog in effect at the time of readmission unless he/she has applied for and been granted a leave of absence.

9. Philosophy of General Education

The General Education program offers the following opportunities:

- A. Development of verbal and quantitative learning skills.
- B. Exposure to a wide spectrum of beliefs or principles of knowledge in the natural sciences, social sciences and the humanities.
- C. Understanding and critical examination of cultural heritages and their implications for the future.
- D. Development of the power of critical thinking, the ability to evaluate personal values, and the ability to understand and respond to general audience media presentations on general education subjects.
- E. An approach to learning in an interdisciplinary manner to develop the ability to integrate general education knowledge.
- F. Establishment of a broad base of intellectual and physical skills for a lifetime of continual learning.

10. Major Requirements

See "Associate Degree Programs and Certificates" for the major areas for the AS and AA degrees.

11. Additional Associate Degree

An additional associate degree may be earned under the following conditions:

- A. Having received an AA or AS degree, the student may qualify for an additional AA or AS degree with the exception of the General AA offered for catalog years 1978-79 through 2007-08**.
- B. Having received a bachelor's degree or higher, the student may qualify for an additional AA or AS degree with the exception of the General AA offered for catalog years 1978-79 through 2007-08**.
- C. Having received an associate's degree or higher, the student will not receive an AA or AS degree in the same area, unless the field is broad enough that the new courses would not be a repetition of content from previous education.
- D. All General Education requirements as specified by the current catalog are met.
- E. Completion of a major as specified in this catalog with a minimum of 12 remaining

required semester units in the major completed at Cuyamaca College subsequent to the preceding degree(s) at any college.

12. Multiple Majors

Multiple majors differ from additional associate degrees (see section above) in that the student with a multiple major works simultaneously toward the completion of more than one major. Multiple majors must be available and meet general education requirements from the same catalog year. An AA or AS degree with a multiple major can be earned by completion of all general education requirements plus the courses required for both majors as outlined in this catalog. The General AA degree offered for catalog years 1978-79 through 2007-08 may not be included as part of the multiple major.

* A grade of "P" (Pass) represents a "C" grade or better.

** The General AA/AS degrees were modified to comply with Title 5 requirements beginning 2008-09, and were re-titled General Studies degrees with Areas of Specialization.

CERTIFICATES OF ACHIEVEMENT

Certificates of Achievement are awarded to those who have attained well-defined levels of competency in specific areas. To qualify for a certificate, a student must:

1. Complete all courses which are listed for the major area in the Associate Degree section of this catalog.
2. Achieve a "C" or better in all courses which are to be applied toward the certificate. (P/NP grading not accepted for certificate requirements.)
3. Complete at least one required course at Cuyamaca College during the semester in which the certificate is earned.
4. File a petition for the certificate in the Admissions and Records Office before the deadline of the semester in which the requirements will be completed. (See Academic Calendar for deadline dates.)
5. The student may choose to meet requirements in a catalog published after admission provided continuous attendance is maintained. A student not in continuous attendance at Cuyamaca College should be aware that he/she must meet certificate requirements listed in the catalog in effect at the time of readmission unless he/she has applied for and been granted a leave of absence.

TRANSFER INFORMATION

This section of the catalog is designed primarily to assist students who plan to further their education in a four-year institution. Although every effort has been made to assure the accuracy of the following transfer information at the time of catalog publication, changes may occur. Students are encouraged to make an early selection of the four-year institution and to check its catalog for more precise information. Counselors are available to assist students with program selection and planning. It is recommended that students utilize ASSIST (www.assist.org) to access course equivalencies

with many UC and CSU campuses. ASSIST is the recognized source of statewide articulation data. Students should also utilize the Cuyamaca College University Transfer Center resources at www.cuyamaca.edu/transfer_center or in Student Services One-Stop Center, Room A-221.

Students who plan to transfer may meet general education transfer requirements through the University Studies major. For requirements, see "University Studies" under Associate Degree Programs and Certificates.

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) 2011-2012

The Intersegmental General Education Transfer Curriculum (IGETC) is a general education package which community college transfer students can take to fulfill lower division general education requirements for either the CSU or UC system.

Completion of the IGETC is not a requirement for transfer to a CSU or UC campus, nor is it the only way to fulfill lower division general education requirements. Students should see a counselor before deciding on an alternative that best meets their own needs.

There is no catalog year or rule of continuing attendance for IGETC certification. A course is certifiable if, and only if, it was on the IGETC list at the time the course was taken.

Cuyamaca College students may be "certified" upon completion of IGETC requirements. Courses completed at California Community Colleges and participating institutions will be certified based on approval at the original campus. Courses taken at other colleges and universities; i.e. out-of-state, private, may be used in the certification under certain conditions. Certifications are processed in the Admissions and Records Office.

All courses must be completed with a grade of "C" or better or "Pass." There is a limit to the number of courses taken with a grade of "Pass." Check with a counselor.

Attention students: IGETC choices for transfer may differ between Cuyamaca and Grossmont. If you plan to attend both colleges, it is strongly recommended that you visit the Counseling Centers or visit the individual college websites at www.gcccd.edu for specific information.

Up-to-date at time of catalog printing. Please see a counselor for changes.

AREA 1 – ENGLISH COMMUNICATION

CSU: 3 courses required, one from each group
UC: 2 courses required, one from groups A and B

- A. English Composition:** ENGL 120
B. Critical Thinking: ENGL 124
C. Oral Communication: COMM 122

AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

(1 course, 3 semester units)

- BIO 215*
MATH 120*, 125*, 126*, 160, 175, 176, 178*,
180*, 245, 280, 281, 284, 285
PSY 215*

AREA 3 – FINE ARTS AND HUMANITIES

(At least 3 courses, 9 semester units)
At least one course from Fine Arts and one from Humanities.

A. Fine Arts:

ART 100, 140, 141, 144, 145
MUS 110, 111, 114, 115, 116, 117
THTR 110, 120, 121

B. Humanities:

ARAM 220
ARBC 121, 145, 220, 221
ASL 121, 220, 221
ENGL 122, 201, 202, 207, 214, 217, 221,
222, 231, 232, 270, 271
FREN 121, 220, 221
HIST 100, 101, 105, 106, 210
HUM 110, 115, 120, 140, 155
ITAL 121, 220
NAKY 121, 220, 221
PHIL 110, 115, 117, 140, 160, 170
RELG 120, 130, 210, 215
SPAN 121, 141, 220, 221

AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES

(At least 3 courses, 9 semester units)
Courses from at least two categories and two disciplines.

- A.** ANTH 120
B. ECON 110*, 120, 121
C. HIST 118*, 119*, 130*, 131*, 132, 133, 180*, 181*; PSY 125
D. HIST 122*, 123*
E. GEOG 106, 130
F. HIST 100, 101, 105, 106, 108, 109, 114, 115, 118*, 119*, 122, 123, 124, 130*, 131*, 132, 133, 275, 276, 277
G. CD 125; COMM 110, 124
H. POSC 120, 121, 124, 130
I. PSY 120, 125, 134, 138, 140, 165, 170, 220; CD 125
J. SOC 120, 125, 130; PSY 138: CD 115, 131

AREA 5 – BIOLOGICAL AND PHYSICAL SCIENCES

(At least 2 courses required, 7-9 semester units)
One Biological Science course and one Physical Science course; at least one must include a laboratory (laboratory courses are underlined). Laboratory courses must correspond to related lecture courses.

A. Physical Sciences:

ASTR 110, 112
CHEM 102*, 113*, 115*, 116*, 120*, 141, 142, 231
GEOG 120, 121
GEOL 104, 110, 111
OCEA 112, 113
PHYC 110*, 120*, 121, 130*, 131*, 190*, 200*, 210*
PSC 110, 111

B. Biological Sciences:

ANTH 130
BIO 112, 122, 124, 128*, 130*, 131*, 140, 141, 141L, 210*, 220*, 221*, 230, 240

AREA 6 – LANGUAGE OTHER THAN ENGLISH

UC: 1 course, 3 semester units, any of the following courses.

Students shall demonstrate proficiency in a language other than English equal to two years of high school study. Those students who have satisfied the UC freshman entrance requirement in a language other than English will have fulfilled this requirement. There are other ways to fulfill this area; please see a counselor.

ARAM 121, 220
ARBC 120, 121, 220, 221
ASL 120, 121, 220, 221
FREN 120, 121, 220, 221

ITAL 120, 121, 220
NAKY 120, 121, 220, 221
SPAN 120, 120B, 121, 220, 221

AMERICAN INSTITUTIONS REQUIREMENT: CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS

(2 courses, 6 semester units)
(Not part of IGETC; may be completed prior to transfer)

Courses used to meet this requirement may not be used to satisfy requirements for Area 4 Social Sciences in IGETC. UC students meet the American Institutions requirement with a one-year course in U.S. history and government in high school with a grade of "C" or better. Students who have not met this requirement should discuss with a counselor ways to meet this deficiency. Check with a counselor for approved combinations of courses or go to www.assist.org.

*Indicates that transfer credit may be limited by UC or CSU or both. Please consult with a counselor.

UNIVERSITY OF CALIFORNIA

The University is an integral part of the public education system of California. Its campuses usually accept at full unit value transfer courses completed with satisfactory grades in the public community colleges of the state. Students intending to continue their studies at the University will find it advantageous to complete their lower division requirements at Cuyamaca College. However, students should become familiar with specific requirements of the particular campus to which transfer is planned by examining the University catalogs and separate bulletins of the various schools and colleges of the University.

The campuses of the University of California are located in:

Berkeley	Riverside
Davis	San Diego
Irvine	San Francisco (Medical Center)
Los Angeles	Santa Barbara
Merced	Santa Cruz

UC TRANSFER ADMISSION GUARANTEE (TAG)

UC Berkeley & UC Los Angeles do not participate in the TAG. Students may apply for the TAG at only one school.

- The first step in the UC application process is to fill out an online TAG application during the month of September. Visit uctag.universityofcalifornia.edu/index.cfm for more information.
- The second step is to fill out an online application for admission during the month of November. Visit www.universityofcalifornia.edu/admissions for more information.

UC TAG MINIMUM REQUIREMENTS

- 60 UC-Transferable semester units
- Maintain acceptable GPA for your major and for specific UC campus
- 2 Transferable English Composition Courses

- 1 Transferable Mathematics course
- A full certification of IGETC or 7 course pattern

*Please check each UC campus website for specific TAG requirements

Articulation agreements have been completed with most campuses of the University of California (see www.assist.org). An Intersegmental General Education Transfer Curriculum pattern acceptable at all University of California (IGETC) campuses is available. Specific courses required for major preparation should be discussed with a counselor.

UCSD TRANSFER ADMISSION GUARANTEE (TAG) 2011-2012

The following requirements must be met in order to qualify for the UCSD TAG:

- Students must have a full certification of the IGETC general education pattern. No partial IGETC is allowed. See published deadlines in the University Transfer Center.
- Students must enroll in one or more California community colleges for at least two regular terms (excludes summer sessions).
- The last college before UCSD admission must be a California community college (excludes summer sessions).
- Students must complete at least 30 UC-transferable units at a California community college.
- Students must complete the required courses in 2 English composition and math with "C" grades by Fall 2011 if applying for Fall 2012.
- Students must complete 60 UC transferable units by Spring 2012 if applying for Fall 2012.
- Students must earn and maintain a cumulative GPA of 3.5 in all UC-transferable work and be in good standing through their last regular term.

In addition, all transfer students are strongly advised to complete lower-division major preparation requirements.

TAG RESTRICTIONS

The UCSD TAG applies to general admission, not necessarily to a designated impacted major. Students must meet the screening criteria for designated majors which require lower-division preparation prior to admission into the major. For impacted majors, visit the University Transfer Center at Cuyamaca College.

This agreement is available to U.S. citizens, permanent residents, AB540 students, and former UC students in good standing (not former UCSD students). This agreement does not apply to students with senior class standing (students with 90 or more UC transferable semester units from accredited four-year universities and community colleges combined).

UCSD UNIVERSITY LINK PROGRAM

University Link is the guarantee admission program to UCSD for high school seniors attending Cuyamaca College.

To be eligible for the University Link Program, The University Link agreement must be signed and submitted to UCSD during spring of your senior year or, at the latest, during your first fall term at the community college. Please see a Counselor for more details.

UCSD UNIVERSITY LINK MINIMUM ELIGIBILITY REQUIREMENTS

- 60 UC-Transferable semester units
- Meet UC subject eligibility
- Maintain a minimum cumulative GPA of 3.0 in all UC-transferable courses
- 2 Transferable English Composition Courses
- 1 Transferable Mathematics course
- Completion of 7 course pattern

UNIVERSITY OF CALIFORNIA CREDIT LIMITATION

Up-to-date at time of catalog printing.

Biology	No credit for BIO 128, 130 and 131 if taken after BIO 210, 220, 221. BIO 215 combined with MATH 160 and PSY 215: maximum credit, one course. BIO 128, 130 and 131 combined: maximum credit, four units. No credit for 230 if taken after 220, 221. No credit for 240 if taken after 210.
CADD Technology	CADD 115, 120, 125 and ENGR 119 combined: maximum credit, one course.
Chemistry	No credit for CHEM 102, 113, 115, 116 or 120 if taken after 141. CHEM 102, 113, 115, 116 and 120 combined: maximum credit, one course.
Economics	No credit for ECON 110 if taken after ECON 120 or 121.
Engineering	ENGR 119, CADD 115, 120, 125 combined: maximum credit, one course.
ESL	Any or all courses combined (103, 106, 119): maximum credit, eight units.
Exercise Science	ES 200 and 255 combined: maximum credit, three units. Maximum of four units of credit for Physical Activity courses.
Health Education	HED 120 and 122 combined: maximum credit, one course.
History	HIST 118, 130 and 180 combined: maximum credit, one course. HIST 119, 131 and 181 combined: maximum credit, one course.
Math	Credit only for MATH 120 (3 units) or 125 and 126 combined (6 units). MATH 160, BIO 215 and PSY 215 combined: maximum credit, one course. MATH 175 and 176 combined: only one course.

Physical Science	MATH 178 and 180 combined: maximum credit, one course. No credit for PSC 110 if taken after a college course in Astronomy, Chemistry, Earth Science or Physics.
Physics	No credit for PHYC 110 if taken after PHYC 120 or 130 or 190. PHYC 120 and 121 combined with PHYC 130/131 or PHYC 190, 200, 210: maximum credit, one series. Deduct credit for duplication of topics.
Psychology	PSY 215 combined with BIO 215 and MATH 160: maximum credit, one course.
Spanish	SPAN 120 or 120B corresponds to two years of high school study. SPAN 120A and 120B combined with SPAN 120: maximum credit, five units. SPAN 120A and 120B must both be taken in order for transfer credit to be granted.

THE CALIFORNIA STATE UNIVERSITY

As with the University of California, the California system of state universities is a member of the higher education family. Its many campuses provide upper division educational programs for graduates or transfers from over 100 California public community colleges.

Cuyamaca College students wishing to transfer to a California State University may choose from the following campuses:

Bakersfield	Northridge
Channel Islands	Pomona
Chico	Sacramento
Dominguez Hills	San Bernardino
East Bay	San Diego
Fresno	San Francisco
Fullerton	San Jose
Humboldt	San Luis Obispo
Long Beach	San Marcos
Los Angeles	Sonoma
Maritime	Stanislaus
Monterey Bay	

A student is eligible for admission to the California State University with 60 transferable semester units (84 quarter units) if the student:

- Has a college grade point average of 2.0 or better (2.4 for non-California residents) in all transferable college units attempted.
- Is in good standing at the last college or university attended.
- Has completed or will complete at a California Community college prior to transfer at least 30 semester units (45 quarter units) of courses equivalent to general education requirements with a grade of "C" or better. The 30 units must include all of the general education requirements in communication in the English language (English composition, oral communication and critical thinking) and at least one course of at least 3 semester units (4 quarter units) required in college level mathematics.

IMPACTED CAMPUSES MAY HAVE STRICTER REQUIREMENTS; SEE A COUNSELOR.

All California State University campuses are on a "Common Admissions Program." Applications are available online at www.csumentor.edu.

SDSU UPPER DIVISION TRANSFER ADMISSION GUARANTEE (TAG)

Please refer to <http://arweb.sdsu.edu/es/admissions/apply/104/TAG0910.pdf> for more information on the SDSU TAG.

GENERAL EDUCATION BREADTH REQUIREMENTS FOR THE CALIFORNIA STATE UNIVERSITY 2011-2012

Attention students: CSU GE Breadth choices for transfer may differ between Cuyamaca and Grossmont. If you plan to attend both colleges, it is strongly recommended that you visit the Counseling Centers or visit the individual college websites at www.gcccd.edu for specific information.

Up-to-date at time of catalog printing. Please see a counselor for any additional changes.

There is no catalog year or rule of continuing attendance for General Education Breadth Requirements certification. A course is certifiable if, and only if, it was on the General Education Breadth Requirements list at the time the course was taken. Please check with a counselor if you have any questions.

The California State University system has established a requirement of 48 semester units in general education as part of a baccalaureate degree. At least nine of the 48 semester units must be upper division courses. A student attending a community college may complete 39 of the 48 semester units prior to transfer.

The 48 semester units are distributed as follows:

1. A minimum of nine (9) semester units in communication in the English language to include both oral communication and written communication, and in critical thinking to include consideration of common fallacies in reasoning.
2. A minimum of twelve (12) semester units to include inquiry into the physical universe and its life forms with some immediate participation in laboratory activity, and into mathematical concepts and quantitative reasoning and their applications.
3. A minimum of twelve (12) semester units among the arts, literature, philosophy and foreign languages.
4. A minimum of twelve (12) semester units dealing with human social, political and economic institutions and behavior and their historical background.
5. A minimum of three (3) semester units in study designed to equip human beings for lifelong understanding and development of themselves as integrated physiological and psychological entities.

Cuyamaca College students will be "certified" as completing up to 39 lower division semester units of general education at Cuyamaca College

for California State University campuses upon completion of the requirements for Areas A through E listed below (courses which are listed in more than one category may be used to certify only one requirement). Courses completed at California Community Colleges and participating institutions will be certified based on approval at the original campus. Courses taken at other colleges and universities; i.e. out-of-state, private, may be used in the certification under certain conditions. CSU GE certifications are processed in the Admissions and Records Office.

NOTE: General Education course choices for transfer and the Associate degree may differ between Cuyamaca College and Grossmont College. Each college strongly recommends that students visit the Counseling Centers for specific information if they plan to attend both campuses.

Courses required in Oral Communication (A1), Written Communication (A2), Critical Thinking (A3) and Mathematics/Quantitative Reasoning (B4) must be completed with grades of "C" or better for admission to most CSU campuses.

AREA A – ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING

(Minimum of 9 semester units)

Minimum of 3 courses, at least one from each category.

- 1. Oral Communication:**
COMM 120, 122
- 2. Written Communication:**
ENGL 120
- 3. Critical Thinking:**
COMM 137, 145
ENGL 122, 124
PHIL 125, 130

AREA B – SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING

(Minimum of 9 semester units)

Minimum of 3 semester units in B1, B2 and B4. One lab course must be included (laboratory courses are underlined). Lab must correspond to its related lecture course.

- 1. Physical Sciences:**
ASTR 110, 112
CHEM 102, 105, 113, 115, 116, 120, 141, 142, 231
ET 110
GEOG 120, 121
GEOL 104, 110, 111
OCEA 112, 113
PHYC 110, 120, 121, 130, 131, 190, 200, 210
PSC 110, 111
- 2. Life Sciences:**
ANTH 130
BIO 112, 115, 122, 124, 128, 130, 131, 140, 141, 141L, 152, 210, 220, 221, 230, 240
OCEA 112, 113
- 3. Laboratory Activity:** This requirement is met by completing a lab course in B1 or B2. Lab courses are underlined. Lab must correspond to its related lecture course.
- 4. Mathematics/Quantitative Reasoning:**
BIO 215, PSY 215
MATH 120, 125, 126, 160, 170, 175, 176, 178, 180, 245, 280, 281, 284, 285

AREA C – ARTS AND HUMANITIES

(Minimum of 9 semester units)

At least 1 course in each category.

- 1. Arts:**
ART 100, 120, 140, 141, 144, 145
HUM 110, 120, 140
MUS 110, 111, 114, 115, 116, 117
THTR 110, 120, 121

2. Humanities:

- ARAM 120, 121, 220
- ARBC 120, 121, 145, 220, 221, 250, 251
- ASL 120, 121, 220, 221
- ENGL 122, 201, 202, 207, 214, 217, 221, 222, 231, 232, 270, 271
- FREN 120, 121, 220, 221, 250, 251
- HIST 100, 101, 105, 106, 210
- HUM 110, 115, 120, 140, 155
- ITAL 120, 121, 220
- NAKY 120, 121, 220, 221
- PHIL 110, 115, 117, 140, 160, 170
- RELG 120, 130, 210, 215
- SPAN 120, 120A & 120B†, 121, 141, 145, 220, 221, 250, 251

† General education credit for SPAN 120B only after completion of SPAN 120A.

AREA D – SOCIAL SCIENCES

(Minimum of 9 semester units)

Courses taken in at least 2 categories and 2 disciplines.

1. ANTH 120
2. ECON 110, 120, 121
3. ANTH 120; HIST 118*, 119*, 130*, 131*, 132, 133, 180*, 181*; PSY 125; SPAN 145
4. HIST 122*, 123*, 210
5. GEOG 106, 130
6. HIST 100, 101, 105, 106, 108*, 109*, 114*, 115*, 118*, 119*, 122*, 123*, 124, 130*, 131*, 132, 133, 180*, 181*, 275, 276, 277
7. CD 115, 125; COMM 110, 124; HED 203, 251; PSY 165; SOC 125, 130
8. POSC 120, 121*, 124, 130, 140*
9. PSY 120, 125, 134, 138, 140, 165, 170, 220; CD 125
10. SOC 120, 125, 130; PSY 138; CD 115, 131

AREA E – LIFELONG LEARNING AND SELF-DEVELOPMENT

Three semester units from any of the following:

- CD 125
- COUN 124, 140
- ES 019ABCD
- HED 120, 122, 155, 158, 201, 203, 251, 255
- PSY 134, 140, 220
- SOC 125

OR

DD 214 and military transcripts with ACE recommendation (up to 3 units awarded).

AMERICAN INSTITUTIONS REQUIREMENT (CSU GRADUATION REQUIREMENT)

*Fulfills part of the CSU U.S. History, Constitution and American Ideals requirement. Although this requirement is not part of the general education requirement, all students must complete course work in U.S. History, Constitution and Government. May be completed prior to transfer. Two courses (minimum of six units) are required; these courses may also be used to meet part of the requirements in Area D. Choose Option I or Option II:

Option I (one course from A and one course from B):

- A. HIST 108, 114, 118, 122, 130, 180
- B. HIST 109, 115, 119, 123, 131, 181, or POSC 140

Option II (one course from A and one course from B):

- A. POSC 121
- B. HIST 108, 109, 114, 115, 118, 119, 122, 123, 130, 131, 180, 181

ASSOCIATE IN ARTS FOR TRANSFER (AA-T) OR ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an "associate degree for transfer," a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete a minimum of 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0 including CSU GE Breadth or IGETC. To be admissible to a California State University campus, students should follow either CSU GE Breadth or IGETC for CSU. Students transferring to a CSU campus that accepts the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major). This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

A student may earn an Associate in Arts in Communications Studies for Transfer (AA-T), Associate in Arts in Psychology for Transfer (AA-T), and an Associate in Arts in Sociology for Transfer (AA-T). See Associate Degree Programs and Certificates section of catalog.

INDEPENDENT CALIFORNIA COLLEGES AND UNIVERSITIES

California's fully accredited independent colleges and universities provide a host of options for students planning to continue their education beyond community college.

Students who transfer to independent colleges or universities find they are given academic credit for most, if not all, of their community college studies. Virtually all institutions give full credit for general education courses and usually for other courses designated for transfer by the community college.

Requirements for independent colleges are outlined in the respective college catalogs, available upon request from the Counseling Center or University Transfer Center. The University Transfer Center's website www.cuyamaca.edu/transfer_center contains information on transfer agreements, transfer guides and articulation agreements to private and independent institutions.

EXTERNAL EXAMS CREDIT

Cuyamaca College grants credit toward its associate degrees for successfully passing external examinations including Advanced Placement (AP), International Baccalaureate (IB) and College Level Examination Program (CLEP). Such exams may also be used to certify areas on CSU GE-Breadth and IGETC. In order to receive credit, students must submit official scores (transcripts) to the Admissions and Records Office. The student's academic transcript will be annotated to designate credit awarded by external examinations. The following charts show the exams, the equivalent course(s), if any, at Cuyamaca College, and the specific area of general education requirements that may be cleared. Semester units apply. For exams not on this list, see the Articulation Officer.

INTERNATIONAL BACCALAUREATE (IB)

Cuyamaca College may grant up to six (6) units for each International Baccalaureate Higher Level (HL) Subject Examination passed with an appropriate score; see chart. In general, 3 units will count towards GE requirements and 3 will count as elective credits; there are some exceptions. Examinations may be evaluated for specific course credit to satisfy a major requirement or to clear a prerequisite by the appropriate instructional department. No lab credit is awarded for science exams. Language A1 is for native speakers; it is the study of literature including selections from world literature in the student's first language. Language A2 is a language and literature course for fluent or bilingual students, and Language B is a foreign language course for students with previous experience of the language. Language A2 and B are for non-native speakers.

Students planning to transfer without a CSU or IGETC certification should check the catalog of the four-year institution to see how IB credits are awarded; award varies. In most cases, 6 units per test are awarded for admission, with 3 units going towards GE. To request IB transcripts, students may contact International Baccalaureate at www.ibo.org.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Cuyamaca College awards general education and/or elective credit for CLEP examinations. Passing score for each exam is 50 with a few exceptions. At the discretion of the faculty, CLEP may be used to clear major requirements. A student may earn up to a maximum of 18 units of CLEP at Cuyamaca College.

Students intending to transfer should check with the transferring institution to determine their policy. Students are cautioned that CLEP policies vary among colleges. The CSU has approved the application of CLEP on GE certifications and has a 30-unit overall cap on the acceptance of CLEP credit. To obtain CLEP transcripts, visit www.collegeboard.org.

IB EXAM

	Cuyamaca College		CSU		IGETC	
	Score	GE Area	Score	GE Area	Score	GE Area
Biology HL	5	3 units, B	5	3 units, B2	5	3 units, 5B
Chemistry HL	5	3 units, B	5	3 units, B1	5	3 units, 5A
Economics HL	5	3 units, D	5	3 units, D2	5	3 units, 4B
Film HL	4	3 units, Elective	4	NA	5	NA
Geography HL	5	3 units, D	5	3 units, D5	5	3 units, 4E
History HL (any)	5	3 units, D	5	3 units, C2 or D6	5	3 units, 3B or 4F
Language A1 HL	4	3 units, C	4	3 units, C2	5	3 units, 3B and 6A*
Language A2 HL	4	3 units, C	4	3 units, C2	5	3 units, 3B and 6A*
Language B	4	6 units, Elective	4	NA	5	3 units, 6A
Mathematics HL	4	3 units, A2	4	3 units, B4	5	3 units, 2A
Physics HL	5	3 units, B	5	3 units, B1	5	3 units, 5A
Psychology HL	5	3 units, D	5	3 units, D9	5	3 units, 4I
Theatre HL	4	3 units, C	4	3 units, C1	5	3 units, 3A

*6A credit awarded for any language except English; English HL A1, A2 will only satisfy 3B.

CLEP EXAM

	Score	Cuyamaca College GE Area	CSU GE Area	CSU Admission Units
American Government	50	3 units, Area D	3 units, Area D8	3
American Literature	50	3 units, Area C	3 units, Area C2	3
Analyzing & Interpreting Literature	50	3 units, Area C	3 units, Area C2	3
Biology	50	3 units, Area B (no lab)	3 units, Area B2 (no lab)	3
Calculus*	50	3 units, Area A2	3 units, Area B4	3
Chemistry	50	3 units, Area B (no lab)	3 units, Area B1 (no lab)	3
College Algebra*	50	3 units, Area A2	3 units, Area B4	3
College Algebra- Trigonometry*	50	3 units, Area A2	3 units, Area B4	3
College Mathematics*	50	3 units, Area A2	N/A	N/A
English Literature	50	3 units, Area C	3 units, Area C2	3
Financial Accounting	50	3 units, Elective Credit	N/A	3
French Level I	50	5 units, Area C	N/A	6
French Level II	59	5 units, Area C, 5 Elective	3 units, Area C2	12
College Composition**	50	3 units, Area A1	N/A	N/A
German Level I	50	5 units, Area C	N/A	6
German Level II	60	5 units, Area C, 5 Elective	3 units, Area C2	12
History: US I	50	3 units, Area D	3 units, Area D6, (US-1)	3
History: US II	50	3 units, Area D	3 units, Area D6, (US-1)	3
Human Growth & Development	50	3 units, Area D	3 units, Area E	3
Humanities	50	3 units, Area C	3 units, Area C2	3
Info Systems & Comp Applications	50	3 units, Elective Credit	N/A	3
Intro to Business Law	50	3 units, Elective Credit	N/A	3
Intro to Ed Psychology	50	3 units, Elective Credit	N/A	3
Macroeconomics	50	3 units, Area D	3 units, Area D2	3
Microeconomics	50	3 units, Area D	3 units, Area D2	3
Natural Sciences	50	3 units, Area B (no lab)	3 units, B1 or B2 (no lab)	3
Precalculus*	50	3 units, Area A2	3 units, Area B4	3
Principles of Accounting	50	3 units, Elective Credit	N/A	3
Principles of Management	50	3 units, Elective Credit	N/A	3
Principles of Marketing	50	3 units, Elective Credit	N/A	3
Psychology, Intro	50	3 units, Area D	3 units, Area D9	3
Social Sciences & History	50	3 units, Area D	N/A	N/A
Sociology	50	3 units, Area D	3 units, Area D10	3
Spanish Level I	50	5 units, Area C	N/A	6
Spanish Level II	63	5 units, Area C, 5 Elective	3 units, Area C2	12
Trigonometry	50	3 units, Area A2	3 units, Area B4	3
Western Civilization I	50	3 units, Area C or D	3 units, Area C2 or D6	3
Western Civilization II	50	3 units, Area C or D	3 units, Area D6	3

*No subsequent credit for Math that serves as a prerequisite leading up to this level. Students that pass more than one exam in French, German, & Spanish may have one exam applied to the AA/AS degree and/or baccalaureate.

**New exam effective July 2010; former credit awarded for English Composition with Essay.

ADVANCED PLACEMENT (AP)

Cuyamaca College will award credit for AP examinations passed with a score of 3 or above. AP exams may also be used to certify areas on CSU GE-Breadth and IGETC. Additional units may count for elective units toward eligibility for admission to a CSU or UC. Students planning to transfer without a CSU or IGETC certification should check the catalog of the four-year institution to see how AP credits are awarded; award varies. To obtain AP transcripts, students may visit www.collegeboard.org or contact AP Services at 609-771-7300 or toll free at 888-225-5427.

AP EXAM	Cuyamaca College Equivalent Course	CSU GE Area	CSU Admission Units	IGETC GE Area	IGETC Admission Units
Art History	6 units, ART 140, 141	3 units, Area C1 or C2	6 units	3 units, Area 3A or 3B	5.3 units
Art – Studio Art – 2D	3 units, ART 120	N/A	3 units	N/A	5.3 units
Art – Studio Art – 3D	3 units, ART 129	N/A	3 units	N/A	5.3 units
Art – Studio Art – Drawing	3 units, ART 124	N/A	3 units	N/A	5.3 units
Biology	4 units, BIO 130, 131	4 units, Area B2 & B3	6 units	4 units, Area 5B w/lab	5.3 units
Calculus AB*	5 units, MATH 180	3 units, Area B4	3 units	3 units, Area 2A	2.7 units
Calculus BC*	5 units, MATH 280	3 units, Area B4	6 units	3 units, Area 2A	5.3 units
Chemistry	10 units, CHEM 141, 142	4 units, Area B1 & B3	6 units	4 units, Area 5A w/lab	5.3 units
Chinese: Language & Culture	N/A	3 units, Area C2	6 units	3 units, Area 3B	5.3 units
Computer Science A*	4 units, CS 182	N/A	3 units	N/A	1.3 units
Computer Science AB*	N/A	N/A	6 units	N/A	2.7 units
Economics (Macroeconomics)	3 units, ECON 120	3 units, Area D2	3 units	3 units, Area 4B	2.7 units
Economics (Microeconomics)	3 units, ECON 121	3 units, Area D2	3 units	3 units, Area 4B	2.7 units
English Language & Composition	3 units, ENGL 120	3 units, Area A2	6 units	3 units, Area 1A	5.3 units
English Literature & Composition	6 units, ENGL 120, 122	6 units, Area A2 & C2	6 units	3 units, Area 1A or 3B	5.3 units
Environmental Science	N/A	4 units, Area B1 & B3	4 units	3 units, Area 5A w/lab	2.7 units
French Language	10 units, FREN 120, 121	3 units, Area C2	6 units	3 units, Area 3B and 6A	5.3 units
Geography (Human Geography)	3 units, GEOG 130	3 units, Area D5	3 units	3 units, Area 4E	2.7 units
German Language	N/A	3 units, Area C2	6 units	3 units, Area 3B and 6A	5.3 units
Government & Politics: Comparative	3 units, POSC 124	3 units, Area D8	3 units	3 units, Area 4H	2.7 units
Government & Politics: United States	3 units, POSC 121	3 units, Area D8, (also fulfills AI US-2)	3 units	3 units, Area 4H	2.7 units
History (European)	6 units, HIST 105, 106	3 units, Area C2 or D6	6 units	3 units, Area 3B or 4F	5.3 units
History (United States)	6 units, HIST 108, 109	3 units, Area C2 or D6, (also fulfills AI US-1)	6 units	3 units, Area 3B or 4F	5.3 units
History (World)	6 units, HIST 100, 101	3 units, Area C2 or D6	6 units	3 units, Area 3B or 4F	5.3 units
Italian: Language & Culture	N/A	3 units, Area C2	6 units	3 units, Area 3B and 6A	5.3 units
Japanese: Language & Culture	N/A	3 units, Area C2	6 units	3 units, Area 3B and 6A	5.3 units
Latin: Virgil	N/A	3 units, Area C2	3 units	3 units, Area 3B and 6A	2.7 units
Music Theory	8 units, MUS 105, 106	N/A	6 units	N/A	5.3 units
Physics B	N/A	4 units, Area B1 & B3	6 units	4 units, Area 5A w/lab	5.3 units
Physics C: Electricity & Magnetism	N/A	4 units, Area B1 & B3	4 units	3 units, Area 5A w/lab	2.7 units
Physics C: Mechanics	5 units, PHYC 190	4 units, Area B1 & B3	4 units	3 units, Area 5A w/lab	2.7 units
Psychology	3 units, PSY 120	3 units, Area D9	3 units	3 units, Area 4I	2.7 units
Spanish: Language	10 units, SPAN 120, 121	3 units, Area C2	6 units	3 units, Area 3B and 6A	5.3 units
Spanish: Literature	NA	3 units, Area C2	6 units	3 units, Area 3B and 6A	5.3 units
Statistics	3 units, MATH 160	3 units, Area B4	3 units	3 units, Area 2A	2.7 units

* If a student passes more than one AP exam in Calculus or Computer Science, only one examination may be applied to the baccalaureate.

Notes:

1. AP scores must be 3 or better.
2. Students who passed the exam prior to F09 in Chemistry, Environmental Science, French Language, French Literature, German Language, Latin Literature, Music Theory, Physics B, Spanish Language, Spanish Literature should see a counselor.
3. If a student passes more than one AP exam in physics, only 6 units may be applied to the baccalaureate, and only 4 units may be applied to CSU GE Breadth.
4. For students that pass both English Language and English Literature, a maximum of 6 units will be awarded for certification on IGETC and 8 quarter units for UC admission purposes. The CSU will award 12 units for both exams, with 6 units counting towards GE.
5. A maximum of 2.7 semester units will be given by UC for students that pass both Computer Science A and AB. AB supersedes A.