

Graduation Requirements

Associate Degrees and Certificates of Achievement are awarded at the close of each semesters, fall, spring and summer.

It is the responsibility of the student who expects to receive a degree or certificate to file a petition with the Office of Admissions and Records. See the Office of Admissions and Records Academic Calendar for deadline dates.

Certificates of Achievement

A Certificate of Achievement recognizes a student's satisfactory completion of an organized program of study. A number of certificate programs are offered for students seeking specialized training in specific fields. For most certificate programs, students who complete the series of courses with a **cumulative** grade point average of 2.0 or higher are eligible to apply for the Certificate of Achievement. Some programs, however, require that students complete **each** course within the program with a grade point of 2.0 (C) or better.

Certificates of Achievement programs differ from degree programs in that students are not required to complete the general education requirements and in the total number of units required. All credits earned in a certificate program may be counted toward the A.A./A.S. Degree and, in some instances, credit for certificate courses may be transferred to four-year colleges.

To be eligible for a Certificate of Achievement, at least six semester units in the field or a closely related subject must be completed at Solano Community College.

Students may be awarded a Certificate of Achievement based on the requirements in this Catalog, or the Catalog in effect at the time of first enrollment, or when the certificate was first offered.

Associate Degrees

Solano College offers two degrees, Associate in Art and Associate in Science. A degree may be granted upon successful completion of requirements in a major field of study, appropriate general education courses, and electives to total of at least 60 semester units. Students must petition for degrees as described above. Students may apply for multiple degrees.

Catalog Rights

Graduation requirements are determined according to the catalog in effect at the time of first enrollment. If enrollment is in any credit course and is continuous (at least one course is taken each academic year), then graduation requirements are

taken from the catalog in effect at the time of first enrollment.

Students enrolled at another accredited public institution of higher education and meeting the SCC definition of continuous enrollment shall not lose their original catalog rights.

When a break in enrollment occurs, graduation requirements are determined according to the catalog in effect at the time of re-entry into continuous enrollment.

Leaves of absence must be requested and approved in advance of the term for which absence is anticipated. Leaves of absence must be approved by the Academic Council.

Students may choose to graduate under the catalog in effect at the time of the petition to graduate.

Each new catalog year begins with the summer session. Students may not complete general education requirements under one catalog and major requirements under another catalog.

Total Units

A degree requires a minimum of 60 semester units of course work including 21 semester units of general education requirements. At least 12 semester units must be completed at Solano Community College. The student must maintain a cumulative grade point average of 2.0 (C) in all courses attempted.

Major

A minimum of 18 semester units must be concentrated in a designated field of study, as outlined in one of the two-year degree programs.

General Education Philosophy and Criteria Statements

General education represents the breadth component of a liberal arts education as compared with the in-depth study required for a major. The purpose of this requirement is to give students the opportunity to become acquainted with intellectual, social and aesthetic perspectives that can form the basis of an expanded plan for lifelong learning and enjoyment. In addition, it is designed to assist students in achieving an expanded context within which to explore their majors so as to enrich these specialized viewpoints.

This philosophy is intrinsic to the development of the following basic educational abilities and skills:

- To improve the essential communication skills of speaking, writing, reading and listening.
- To understand the heritage and culture of one's own society and the society of others.
- To provide opportunities to gain information which could aid students in making realistic career decisions.
- To provide the opportunity for students to achieve competence in mathematics and analytical thinking appropriate to their needs.
- To provide educational experiences for students to gain understanding and appreciation in the basic areas of knowledge: the social and behavioral sciences, the natural sciences, and the humanities which will provide an opportunity for cultural, intellectual and personal growth.
- To develop insight and knowledge in the area of self-understanding.
- To develop the knowledge and understanding of the rights, responsibilities and privileges involved in becoming a participating citizen in a democratic society.
- To develop an understanding of technological developments and the effects these will have on society today and in the future.

Cross-Cultural Studies Requirement

The general education requirement for an Associate Degree from Solano Community College includes a 3-unit Cross-Cultural Studies course. Courses that satisfy this requirement are listed under "Area E."

Additional courses will be developed and added to the curriculum in the future; however, any Cross-Cultural Studies course, either current or future, may be used by students to satisfy this requirement even if that course first appears in a Catalog subsequent to the beginning of the student's course of study.

General Education Structure

There are three options available for completing the General Education requirements for the Associate

Degree. Requirements for Option A, Option B and Option C are as follows:

Option A

(Minimum 21 units)

A minimum of 3 units is required from Areas A, B-1, C, D-1, D-3 and E. The remaining required 3 units may be selected from all courses listed under Areas A, B-1, B-2, C, D-3, or E. The area D-2 reading requirement may be met by an exam or an approved reading course.

Courses with the same prefix as the student's major may not be used to fulfill general education requirements. Exceptions: Electronics (Area D-3), English 1 (Area D-1), and Mathematics (Area D-3).

If two courses are selected from the same General Education Area, they must have a different prefix for both to be used in satisfying general education requirements. Exceptions: English and Mathematics (Area D).

The same course can only be used in one area in satisfying general education requirements.

Area A - Natural Sciences

(Minimum 3 units)

Physical Science: ASTR 10, 30, 40; CHEM 1, 2, 3, 4, 5, 10, 11, 160; ENGR 30; GEOL 1, 2, 3, 4, 5; METER 10; PHYSC 12; PHYS 2, 4, 6, 7, 8, 10.

Biological Sciences: BIOSC 1, 2, 5, 6, 10, 12, 12L, 14, 15, 16, 18, 19.

Other courses that may be used in satisfying this requirement: ANTH 1; NUTRI 10; GEOG 1; OHORT 50.

Area B - Social and Behavioral Studies

(Minimum 3 units)

1. AMST 1, 2; HIST 17, 17H, 18, 18H, 28, 29, 37; IR 1; POLSC 1, 1H, 5; SOCIO 2.

The following courses do not fulfill the Area B requirement but may be used to fulfill the minimum 21-unit general education requirement:

2. ANTH 2, 7; COUN 50, 55, 83; CRIMJ 1; ECON 1, 2; GEOG 2, 4; HIST 10, 25, 30, 31, 32; HU DV 38, 39, 40, 50, 53, 58, 70; JOURN 11; POLSC 2, 3, 6, 16, 19; PSYCH 1, 1H, 2, 4, 5, 10, 20, 24, 30; SOCSC 22, 23, 25, 26, 27, 28; SOCIO 1, 23.

**Area C -
Humanities**
(Minimum 3 units)

AM STUDIES 1, 2; ART 1, 2, 3, 10, 11, 12; CINMA 10, 11; ENGL 2, 2H, 12, 13, 14, 16, 18, 21, 23, 24, 25, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 41, 44, 58; FRLNG 1-4, 11, 31-34; HIST 2, 2H, 3, 3H, 4, 4H, 5, 5H; HUMN 1, 2, 3; MUSIC 5, 7, 8, 9, 10, 11, 13, 14, 15, 17, 20, 21, 24, 25, 26; PHLOS 3, 4, 5, 31, 32; PHOTO 35; SPAN 1S, 2S, 25, SPEECH 15; THEA 6, 10, 11, 13; TV 50.

**Area D -
Language and Rationality**
(Minimum 6 units)

All three sections (D1, 2, & 3) must be satisfied including one course selected from 1 and 3 below:

1. Writing: ENGL 1 OR *ENGL 51 (English requirement).

* English 51 may be used in some vocational programs. See the "Programs" section of this catalog.

2. Reading: This requirement may be satisfied by any of the options listed below:

a) Achieve a college level score of 95 or better on the reading comprehension section of the assessment test.

OR

b) Achieve a grade of "C" or better in a college-level reading class: ENGL 62, or a special program of study in the Reading Improvement Lab developed for students scoring between 87-94 on the reading comprehension section of the assessment test.

OR

c) Present proof of one of the following:

- 1) An Associate degree or higher from an accredited institution.
- 2) A grade of "C" or better in a college-level reading course from another community college.
- 3) College-level reading test scores from another college, or a score of 500 or better on the verbal section of the SAT, or a score of 23 or better on the English section of the ACT.

3. Communication and Analytical Thinking (mathematics requirement). This requirement may be satisfied by any of the options listed below:

a) Three units of any course offered by the Mathematics Department except MATH 304, 310, 320.

OR

b) ECTRN 132 and 133, or 134 and 135, or 140, or 141 when required by a two year electronics major; or #IT 151.

#IT 151 may be used in some vocational programs. See the "Programs" section of this catalog.

OR

c) A qualifying score on a designated achievement test AND a minimum of 3 units from the courses listed below.

CIS 1, 20, 22, 23, 25, 115

ENGL 4, 4H, 62

MATH 2, 4, 11, 12, 15, 20, 21, 22, 23, 30, 31, 40, 51, 52, 103, 104

PHLOS 1

SPEECH 1, 1H, 2, 6, 10, 60

**Area E -
Cross-Cultural Studies**
(Minimum 3 units)

ART 12, CINMA 11, COUN 55, ENGL 12, ENGL 36, HIST 37, HU DV 53, HUMN 3, MUSIC 13, POLSC 5, SOCS 22, THEA 13.

**Local District Requirement
Health/Physical Education**

Two Physical Education activity courses (P.E. 1.1 through P.E. 9.30) or two Intercollegiate Athletic sports or any combination thereof that equates to two exposures.

OR

One Health Education course (H ED 2, or 3) and one Physical Education activity course (P.E. 1.1 through P.E. 9.30) or one Intercollegiate Athletic sport.

Exemption: Students with a certified medical excuse.

Option B

To satisfy the general education requirements for the Associate Degree, completion of IGETC requirements may be used in lieu of the Solano College requirements listed in Option A.

By completing a total of 60 units including IGETC, a student will qualify for a Liberal Arts degree. Students may qualify for additional degrees if they have completed major requirements listed elsewhere in this Catalog.

Cross Cultural Requirement

At least one of the following cross-cultural courses must be completed in order to use this option to fulfill the Solano College general education requirement:

ART 12, CINMA 11, COUN 55, ENGL 12, ENGL 36, HIST 37, HUDV 53, HUMN 3, MUSIC 13, POLSC 5, SOCS 22, THEA 13.

The IGETC requirements and the Solano College courses which satisfy the requirements.

Solano College 2005-2006 IGETC Courses - All courses must be completed with a "C" or better.

Area 1 - English Communications

CSU—3 courses required, one from each group below.

UC—2 courses required, one each from Group A and B.

Group A: English Composition (1 course, 3 semester or 4-5 quarter units): ENGL 1

Group B: Critical Thinking (1 course, 3 semester or 4-5 quarter units): ENGL 2*, 2H*, 4*, 4H*; PHLOS 5

Group C: Oral Communications (CSU requirement only) (1 course, 3 semester or 4-5 quarter units): SPEECH 1*, 1H*, 2, 6

Area 2 - Mathematical Concepts and Quantitative Reasoning

(1 course, 3 semester or 4-5 quarter units)

MATH 2*, 4*, 11, 12, 15, 20*, 21*, 22*, 23, 30*, 31*, 40.

Area 3 - Arts and Humanities

(At least 3 courses, with at least one from the Arts and one from the Humanities; 9 semester or 12-15 quarter units.)

Arts

ART 1, 2, 10, 11, 12; CINMA 10, 11; MUSIC 5*, 7, 8, 13; PHOTO 35; THEA 6, 10, 11, 13.

Humanities

AMST 1, 2; ENGL 12, 13, 14, 16, 18, 21, 23, 24, 25, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 41, 44; FRNCH 2, 3, 4, 33*, 34*; GERMN 2, 3, 4, 33*, 34*; HIST 2*, 2H*, 3*, 3H*, 4*, 4H*, 5*, 5H*, 10, 17*, 17H*, 18, 25, 28, 29, 30, 31, 32, 37; HUMN 1, 2, 3; PHLOS 3, 4, 31, 32; SPAN 2*, 3, 4, 25, 33*, 34*.

Area 4 - Social and Behavioral Sciences

(At least 3 courses from at least 2 disciplines or an interdisciplinary sequence; 9 semester or 12-15 quarter units.)

4A Anthropology and Archaeology

ANTH 2, 7

4B Economics

ECON 1, 2

4C Ethnic Studies

POLSC 5; SOCS 22, 23, 25, 26

4D Gender Studies

POLSC 19

4E Geography

GEOG 2, 4

4G Interdisciplinary, Social & Behavioral Science

HU DV 38, 39; JOURN 11; SOCS 25, 26, 27, 28

4H Political Science, Gov. & Legal Institutions

POLSC 1*, 1H*, 2, 3, 5, 6, 16, 19

4I Psychology

Psych 1*, 1H*, 2, 4, 5, 10, 20, 24, 30 (Socio 30), 34; Socio 30 (Psych 30)

4J Sociology & Criminology

PSYCH 30 (SOCIO 30); SOCIO 1, 2, 23, 30 (PSYCH 30), 40

Area 5 - Physical and Biological Sciences

(At least 2 courses, one Physical Science course and one Biological Science course; at least one must include a laboratory (indicated by "L" in parentheses); 7-9 semester or 9-12 quarter units.)

Physical Science

ASTR 10; CHEM 1(L), 2(L), 3(L)*, 4(L)*, 5(L), 10(L)*, 11(L)*; GEOG 1; GEOL 1, 2(L), 3, 4(L), 5; METER 10; PHYS 2(L)*, 4(L)*; 6(L)*, 7(L)*, 8(L)*, 10*; PHYSC 12(L)*.

Biological Sciences

ANTH 1; BIOSC 1(L), 2(L)*, 5(L)*, 6(L)*, 10(L)*, 12, 12(L)*, 14, 15(L)*, 16*, 18, 19(L).

Language Other Than English (UC Requirement Only)
Proficiency equivalent to two years of high school study in the same language. Solano College courses that fulfill this requirement are:
ENGL 46; FRNCH 1, 31* & 32*; GERMN 1, 31* & 32*; ITAL 31* & 32*; LATIN 2*; SPAN 1, 31* & 32*.

*Indicates that transfer credit may be limited by either UC or CSU or both.

Option C

To satisfy the general education requirements for the Associate Degree, completion of the California State University (CSU) general education 39-unit breadth pattern may be used in lieu of the Solano College requirements listed in Option A or B. In order to use this option, these courses must be completed with the grades required for admission to the CSU campuses. Please see a counselor for further information.

By completing a total of 60 units including the 39-unit CSU GE Breadth pattern, a student will qualify for a Liberal Arts degree. Students may qualify for additional degrees if they have completed major requirements listed elsewhere in this Catalog.

Cross Cultural Requirement

At least one of the following cross-cultural courses must be completed in order to use this option to fulfill the Solano College general education requirement:

ART 12, CINMA 11, COUN 55, ENGL 12, ENGL 36, HIST 37, HUDV 53, HUMN 3, MUSIC 13, POLSC 5, SOCS 22, THEA 13.

The CSU GE Breadth requirements and the Solano College courses which satisfy the requirements are as follows:

General Education Breadth Requirements

Requirements for graduation from California State Universities include the completion of specific courses in general education. The requirements may be met by completing a total of 48 semester units in the following categories:

- A. A minimum of nine 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.

- B. A minimum of 12 semester units to include inquiry into the physical universe and its life forms, with some immediate participation in laboratory activity, and in math concepts and quantitative reasoning and their applications.
- C. A minimum of 12 semester units from the arts, literature, philosophy, and foreign languages.
- D. A minimum of 12 semester units dealing with human social, political, and economic institutions and behavior and their historical background.
- E. A minimum of three semester units in study designed to equip human beings for lifelong understanding and development of themselves as integrated physiological and psychological entities.

Thirty-nine units of general education requirements that are completed at Solano College may be certified on the student's transcript. The remaining nine units must be upper division courses taken at the California State University from which the student will receive his/her Baccalaureate Degree.

Solano Community College 2005-2006 CSU General Education Breadth Requirements

Area A - Communication in the English Language (Minimum of 9 units)

One course required from each of A1, A2, and A3.

A-1 Oral Communication SPEECH 1, 1H

A-2 Written Communication ENGL 1

A-3 Critical Thinking PHLOS 1, 5; ENGL 2, 2H, 4, 4H; SPEECH 6

Area B - Physical Universe and Life Forms (Minimum of 12 units, 9 at SCC)

Select one physical science and one life science (one lab required) and one mathematics course.

B-1 Physical Science

ASTR 10; CHEM 1*, 2*, 3*, 4*, 5*, 10*, 11*; ENGR 30; GEOG 1; GEOL 2*, 4*, 5; METER 10; PHYS 2*, 4*, 6*, 7*, 8*, 10; PHYSC 12*.

B-2 Life Science

ANTH 1; BIOSC 1*, 2*, 5*, 6*, 10*, 12, 14*, 15*, 16, 19*.

B-3 Lab Course

BIOSC 12L; GEOL 1, 3; any course in groups B-1 or B-2 with an asterisk.

B-4 Mathematics

MATH 2, 4, 11, 12, 15, 20, 21, 22, 23, 30, 31, 40, 51.

Area C -

The Arts, Literature, Philosophy and Foreign Languages

(Minimum of 12 units, 9 at SCC)

Select at least one course in each of the two categories, arts and humanities.

C-1 Arts

ART 1, 2, 10, 11, 12; CINMA 10, 11; MUSIC 5, 7, 8, 13; PHOTO 35; THEA 1, 2, 5, 6, 10, 11, 13.

C-2 Humanities

AMST +1#, +2#; ENGL 6, 7, 12, 13, 14, 16, 18, 21, 23, 24, 25, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 41, 44, 46, 47, 58; FRLNG 1, 2, 3, 4, 11, 31, 32, 33, 34; HUMN 1, 2, 3; PHLOS 3, 4, 31, 32; SPAN 1S, 2S, 25.

Area D -

Social, Political and Economic Institutions

(Minimum of 12 units, 9 at SCC)

Select courses from at least two different course prefixes.

D-1 Anthropology and Archaeology

ANTH 2, 7.

D-2 Economics

ECON 1, 2.

D-3 Ethnic Studies

COUN 55; HIST 25, 28#, 29#, 31; POLSC 5#; PSYCH 24; SOCS 22, 23, 25, 26, 27; SOCIO 23.

D-4 Gender Studies

HIST 37#; POLSC 19; PSYCH 10.

D-5 Geography

GEOG 2, 4.

D-6 History

HIST 2, 2H, 3, 3H, 4, 4H, 5, 5H, 10, 17#, 17H# 18#, 28#, 29#, 30, 31, 32, 37#.

D-7 Interdisciplinary Social or Behavioral Science

AMST +1#, +2#; JOURN 11; PSYCH 30 (SOCIO 30); SOCS 28; SOCIO 30 (PSYCH 30); TV 50.

D-8 Political Science, Government & Legal Institutions

CRIMJ 1; POLSC 1#, 1H#, 2, 3, 5#, 6, 16, 19.

D-9 Psychology

PSYCH 1, 1H, 2, 4, 5, 10, 24.

D-0 Sociology and Criminology

SOCIO 1, 2, 23, 40.

Area E -

Lifelong Understanding and Self-Development

(Minimum of 3 units)

BIOSC 18; BUS 58 (COUN 58, HU DV 58); COUN 58 (BUS 58, HU DV 58), 83; H ED2; HU DV 40, 50, 58 (BUS 58, COUN 58), 70; NUTRI 10; PSYCH 20, 34.

No more than 30 semester units may be certified from Areas B, C, and D combined.

A student may take a maximum of 39 of the 48 units at Solano Community College toward meeting the general education requirement. The remaining 9 units must be completed in upper division at the California State University.

* Lab Course

+ May be used in only one area

Meets American Institutions requirement

American History and Institutions Requirement

Every student must demonstrate a knowledge of American history and institutions to graduate from a California State University. The requirement can be completed at Solano College by taking POLSC 1, 1H or 5 and either HIST 17 or 17H or 18 or 28 or 29 or 37, or AMST 1 or 2.

Transfer of Credit From Other Colleges

Only those courses designated as lower division courses by accredited colleges may be accepted for transfer to a degree or certificate program.