TRANSFER INFORMATION

General Information
This section of the College catalog contains general information for students planning to transfer to any of the University of California (UC) campuses or to any of the campuses of the California State University (CSU).

Listed in this section of the catalog (in the order given below) are three categories of information: (1) Courses which satisfy the general education requirements for all campuses of the California State University; (2) Courses from City College of San Francisco acceptable at all campuses of the University of California for elective credit; (3) Courses from City College that satisfy the Intersegmental General Education Transfer Curriculum (IGETC);

Transfer Information
Courses numbered from 1 through 799 are university courses except for some listed as “Credit, non-degree applicable” and a few others. With these exceptions, courses numbered 1 through 799 are considered to be baccalaureate in nature and carry transfer credit. However, according to their transfer policies, some universities and four-year colleges may not grant transfer credit for every City College baccalaureate course.

Courses named with one of the letters from A through Z are foundational courses: for example, English K. Credit earned in these courses is not accepted for graduation from City College and is generally not transferable to a university or a four-year college.

Credit earned in courses numbered 800 through 899 is generally not transferable to a bachelor degree-granting institution. Such credit, however, is accepted for the City College Associate Degree.

Courses numbered 0001 through 9999 (the zeroes are significant) are noncredit courses. No college credit is given for these.

The California State University grants transfer credit for all courses numbered 1 through 799, except for some courses in Biotechnology, Child Development, English, English as a Second Language, Engineering Technology, Health Education and Mathematics. Those courses which are transferable to the California State University for elective credit are labeled with “CSU” following the description of the course content in its announcement.

A complete list of courses for which the University of California accepts credit is given in the Transfer section of this catalog. In addition, each course that is acceptable for elective credit at all campuses of the University of California has “UC” following the description of the course content in its announcement.

Courses designated as “UC upon review” are independent studies or variable topics courses which may earn UC elective credit, but which must be evaluated by the UC campus at the time the student is admitted for transfer before credit can be granted.

Students are advised to see their counselors or advisors for further information beyond that which is given on the following pages regarding transferring to a four-year college or university.

Articulation Agreements
Articulation agreements which list detailed information concerning specific majors and describe course transferability from City College of San Francisco CSU and UC campuses are available on ASSIST, www.assist.org. Articulation agreements with private or out-of-state colleges may be found on the City College Articulation website: www.ccsf.edu/artic.

California State University (All Campuses)
Admission Application Dates
To ensure consideration for admission to the campus of first choice, students are reminded to file a CSU application during the appropriate filing period shown below:

Term: Applications First Accepted
Summer Quarter: February 1 (preceding the summer term)
Fall Semester/Quarter: October 1 (preceding the term)
Winter Quarter: June 1 (preceding the term)
Spring Semester/Quarter: August 1 (preceding the term)

Application for impacted programs and campuses must be filed during the initial application filing period. Otherwise, each campus accepts applications until capacities are reached. If you are applying after the initial filing period, consult the campus admissions office for current information.

Apply online, www.csumentor.edu.

Admission as a Transfer Student
A student may satisfy CSU admission requirements as an upper division transfer student by:

- Completing a minimum of 60 transferable semester units (CCSF courses numbered 1 through 799 except for some non-degree applicable Biotechnology, Child Development, English, English as a Second Language, Engineering Technology, and Health Education and Mathematics courses).
- Maintaining a grade point average of 2.00 or higher in all transferable units attempted.
- Satisfying a minimum of 30 units of General Education with grades of C or better including: A1 Oral Communication, A2 Written Communication, A3 Critical Thinking, B4 Quantitative Reasoning.

Supplementary Admissions Requirements. Some majors and campuses receive more applications during the initial filing period than can be accommodated and have higher admission standards. For detailed information regarding Impacted Undergraduate Majors and Campuses in the California State University, go to http://www.calstate.edu/AR/impactioninfo.shtml.

Transfer of Credit to the California State University (All Campuses)
The campuses of the California State University accept credit from City College of San Francisco as follows:

1. They accept as elective credit toward graduation the units earned in all City College courses numbered 1 through 799, except for BTEC 108A, CDEV 108A, ESL 20, 23, 26, 75, 85, 110, 112, 120, 120R, 120W, 122, 130, 132, 142; ENGL 9, 90, 91, 92, 93, 95X, 96, ET 108A, HLTH 8, and MATH 35, 40, 50, 55, 60.
2. They do not accept credit earned in City College foundational courses. (These courses are named with only one letter—for example, English K. Other of these courses are numbered from 800 through 899.)
3. They accept transfer credit as indicated above, but do not accept more than 70 semester units of community college credit to be used to satisfy the unit requirements for the baccalaureate degree.
4. They accept partial or full certification of completion of the Lower Division General Education requirements for graduation from the California State University for courses completed at City College
5. They do not necessarily accept credit that City College has granted for work completed at other collegiate institutions or for The College Board's AP examinations.

6. They grant six units of credit for one year or more of military service.

American Institutions and United States History Requirement

Candidates for a bachelor's degree must satisfy the requirement in American Institutions and United States History by completing one course from each of the following two groups:

Group 1. Political Science 1
Group 2. Asian American Studies 20; History 1, 9, 12A, 12B, 17A, 17B, 41A, 41B; Labor and Community Studies 70, 70A, 70B; Latin American and Latino/a Studies 1

General Education Requirements for the California State University (All Campuses)

NOTE: The information below is valid for 2012 –13. The new 2013 –14 list is available from a counselor; the Transfer Center; WebAssist, www.assist.org; or the CCSF articulation webpage, www.ccsf.edu/artic.

Requirements for the baccalaureate degree at the California State University include the completion of a minimum of 48 semester units in general education within a prescribed pattern, including 9 semester units of upper-division work. A maximum of 39 semester units may be certified by City College as having met the CSU lower division General Education requirements.

The 39 semester unit pattern is distributed among five broad areas as noted below. City College will certify completion of each area according to the unit limits shown. Students who complete the entire pattern may also petition for the Certificate of Achievement in CSU General Education Breadth.

Students have the option to complete the Intersegmental General Education Transfer Curriculum (IGETC) in lieu of the 39 unit CSU general education pattern.

AREA A: Communication in the English language and critical thinking
(9 certifiable semester units or 12-15 quarter units with at least one course from each of A1, A2, and A3)

A1 Oral Communication:
English as a Second Language 79
Speech 1A, 3, 4, 6, 11, 12, 20

A2 Written Communication:
English 1A

A3 Critical Thinking:
English 1B, 1C
Philosophy 2, 4, 40
Speech 2

AREA B: Physical Universe and its Life Forms
(9 certifiable semester units or 12-15 quarter units required with at least one course each from B1, B2 [at least one to contain a laboratory component identified in B3] and B4)

B1 Physical Science:
Astronomy 1, 14, 17, 18, 19, 20
Chemistry 32, 40, 101A, 101B, 103A, 110, 205, 208A, 208B, 212A, 212B
Geology 10, 11, 18, 30
Oceanography 1
Paleontology 1
Physical Science 11
Physics 2A, 2B, 4A, 4B, 4C, 4D, 10, 40, 41

B2 Life Science:
Anatomy 14, 25
Anthropology 1
Astronomy 4
Biology 9, 11, 20, 30, 32, 40, 100A, 100B
Botany 10
Ecology 20
Genetics 10, 15
Interdisciplinary Studies 9
Microbiology 10, 12
Physiology 1, 12
Psychology 1B
Zoology 10

B3 Laboratory Activity (to be taken with course from B1 or B2)
Anatomy 14, 25
Astronomy 16
Biology 9, 11, 32L, 41L, 100A, 100B
Botany 10
Ecology 20
Genetics 11
Geography 1L
Geology 10L, 30L
Microbiology 12
Oceanography 1L
Paleontology 1
Physical Science 11L
Physics 2AL, 2BL, 4AL, 4BL, 4CL, 4DL, 10L
Physiology 1, 12
Zoology 10

B4 Mathematics/Quantitative Reasoning:
Economics 5
Engineering Technology 50
Mathematics 70, 75, 80, 90, 92, 95, 97, 100A, 100B, 110A, 110B, 110C, 115, 120, 125, 130
Philosophy 12A
Psychology 5

AREA C: Arts, literature, foreign language and philosophy
(9 certifiable semester units or 12-15 quarter units with at least one course in the Arts and one course in the Humanities)

C1 Arts:
African American Studies 51, 55
Architecture 31A, 31B, 32, 34, 102
Asian Studies 11
Cinema 18, 21, 23A, 23B
Dance 30, 32, 100A, 107B, 107C
Design 105
Fashion 55
Interior Design 138
Labor and Community Studies 104A, 104B, 104C
Latin American and Latino/a Studies 14
Lesbian/Gay/Bisexual/Transgender Studies 20, 25, 55, 77
Photography 50A, 50B
Speech 38
Theatre Arts 30, 31, 32, 71, 150, 163, 200
C2 Humanities:
African American Studies 30, 35, 40, 50, 51, 60
American Civilization 11A, 11B
American Studies 5
Asian American Studies 6, 10, 30, 35
Asian Studies 12
Broadcast Electronic Media Arts 106
Cinema 20A, 20B, 21, 22
Classics 35
French 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 4, 5, 10A, 10B, 10C, 10D, 10E, 11A, 11B, 41, 42
German 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 4, 4A, 4B, 10A, 10B, 10C, 10D, 11A, 11B
Humanities 7, 8, 11, 12, 20, 25, 35, 41A, 41B, 48
Interdisciplinary Studies 4, 14, 23, 27A, 27B, 29, 30, 36, 37, 38, 42, 44, 45, 47, 100A
Italian 1, 1A, 1B, 2, 2A, 2B, 3A, 3B, 4A, 4B, 10A, 10B, 10C, 10D, 15A, 15B, 41
Japanese 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 4, 4A, 4B, 10A, 10B, 10C, 10D, 39, 49
Latin American and Latino/a Studies 1
Lesbian/Gay/Bisexual/Transgender Studies 11, 12, 15, 75
Philippine Studies 30
Philosophy 2, 4, 25A, 25C
Pilipino 1, 2, 10A, 10B, 10C, 39A, 39B
Russian 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 10A, 10B, 10C, 10D, 15A, 15B, 21, 21A, 21B, 22, 22A, 22B, 39A, 39B, 41
Spanish 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 5, 5S, 6, 6A, 6B, 7, 10A, 10B, 10C, 10D, 31, 31A, 31B, 32, 41
Women’s Studies 10

**AREA D: Social political and economic institutions and behavior, historical background**

(9 certifiable semester units or 12-15 quarter units with courses to be selected from at least two disciplines from the following)

**D0 Sociology and Criminology**
Administration of Justice 59, 67
Asian Studies 20
Broadcast Electronic Media Arts 103
Lesbian/Gay/Bisexual/Transgender Studies 10
Physical Education 13
Psychology 4
Sociology 1, 2, 25, 30, 35

**D1 Anthropology and Archeology**
Anthropology 2, 3, 3AC, 4, 8, 11, 12, 15, 20, 25

**D2 Economics**
Economics 1, 3, 10, 25, 30

**D3 Ethnic Studies**
African American Studies 30, 31, 60
Anthropology 3AC, 12, 20, 25
Asian American Studies 8, 20, 22, 27, 30, 35, 40, 42
Broadcast Electronic Media Arts 104
Economics 30
History 9, 15A, 15B, 21, 38, 41A, 41B, 44
Interdisciplinary Studies 10D, 37, 40, 45
Labor and Community Studies 100
Latin American and Latino/a Studies 1, 10
Lesbian/Gay/Bisexual/Transgender Studies 50
Political Science 7, 12
Psychology 22, 23

**D4 Gender Studies**
African American Studies 60
Anthropology 20, 25
Asian American Studies 35
Economics 25
History 12A, 12B, 45
Labor and Community Studies 78A, 78B, 78C
Lesbian/Gay/Bisexual/Transgender Studies 5, 10, 21, 30, 50, 60
Psychology 25
Sociology 25
Women’s Studies, 25, 54

**D5 Geography**
Geography 4, 7

**D6 History**
Asian American Studies 20
Economics 10
Interdisciplinary Studies 100A
Labor and Community Studies 70, 70A, 70B, 88
Latin American and Latino/a Studies 1

**D7 Interdisciplinary Social or Behavioral Science**
American Studies 5
Asian American Studies 27
Asian Studies 1
Biology 31
Broadcast Electronic Media Arts 101, 103, 105
Child Development 53, 67, 97
Geography 31
Health Education 10, 46, 52, 110, 221, 231
Interdisciplinary Studies 10D, 17, 28G, 30, 37, 100A
International Business 162
Labor and Community Studies 15, 96C
Latin American and Latino/a Studies 15
Lesbian/Gay/Bisexual/Transgender Studies 30
Philippine Studies 20
Speech 5
Sustainability 31

**D8 Political Science, Government and Legal Institutions**
Administration of Justice 57
Interdisciplinary Studies 7
Labor and Community Studies 71A, 71B
Latin American and Latino/a Studies 11, 13
Political Science 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 18, 20, 22, 25, 30, 35, 43, 45, 46, 47, 48, 53A

D9 Psychology
African American Studies 30
Child Development 53, 67
Psychology 1, 2, 4, 10, 11, 21, 22, 23, 25, 26, 40
Sociology 30

AREA E: Lifelong understanding and self-development
(3 certifiable semester units or 4-5 quarter units)

Dance* 33, 34A, 37, 102A-171 series
Disabled Students and Program Services 1
Health Education 10, 14, 20, 25, 26, 27, 33, 41, 45, 48, 52, 53, 54, 64, 72, 97, 120
Interdisciplinary Studies 17, 50
Learning Assistance 50, 60
Lesbian/Gay/Bisexual/Transgender Studies 21, 24, 40, 70
Physical Education* 2, 14, *200A-202, *204A-278
Physical Education Athletics* 60-99 series
Psychology 9, 14, 15, 17, 21, 26, 40
Sociology 35

*All DANCO/PE/PE A activity credit combined limited to 1 unit

University Of California (All Campuses)

Admission Application Dates
To ensure consideration for admission to the campus of first choice, students are reminded to file a UC application during the appropriate
Filing Period:

University of California, Berkeley and Merced
Fall Semester: File November 1–30
Spring Semester: File July 1–31
UC Berkeley application is accepted for the fall only

All Other University of California Campuses
Fall Quarter: File November 1–30
Winter Quarter: File July 1–31
Spring Quarter: File October 1–31
For the fall term, all majors and programs are open to new students.
Check with the specific campus Admissions Office if applying for other than the fall term.
Apply online, www.universityofcalifornia.edu/apply.

Minimum U.C. Transfer Eligibility Requirements
To be eligible for admission to UC as a transfer student, you must fulfill the following criteria:

1. Complete 60 semester units (90 quarter units) of transferable college credit with a grade point average of at least 2.4, and
2. Complete a course pattern requirement to include:
   • Two transferable college courses (3 semester units or 4–5 quarter units each) in English composition; and
   • One transferable college course (3 semester units or 4–5 quarter units) in Mathematical Concepts and Quantitative Reasoning; and
   • Four transferable college courses (3 semester units or 4–5 quarter units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, the physical and biological sciences.

The current admission requirements for nonresident transfer applicants are the same as those for residents except that nonresidents must have a grade point average of 2.8 or higher in all transferable college course work.

In recent years, the number of applicants to many campuses and majors has greatly exceeded the spaces available. This increased competition means the University may no longer be able to guarantee admission to all eligible students. When a campus has to choose among qualified students, it applies standards that are more demanding than the minimum requirements. Using a process called comprehensive review, admissions officers look beyond the required course work and grades to evaluate applicants’ academic achievements in light of the opportunities available to them and the capacity each student demonstrates to contribute to the intellectual life of the campus.

Courses from City College of San Francisco
Acceptable at All Campuses of the University of California
(The following information is based upon information received from the University at the time of the publication of this catalog. The University may decide after the publication of this catalog to limit or not to accept units earned in some City College courses. Further information, when it is received from the University, will be made available to students online, www.assist.org.)

1. The University of California (all campuses) accepts as elective credit toward graduation the units earned in the courses listed below, subject to the limitations and exclusions noted.
2. The following is a complete list of City College courses for which the University of California accepts credit, subject to the limitations listed. If a City College course does not appear on this list, the course is not accepted for credit by the University of California.

City College courses which are accepted for credit by all campuses of the University of California (valid 2012–13):

Academic Achievement 103
Administration of Justice 52, 57, 67
African American Studies +10, 30, 35, 40, 50, 51, 55, 60, PE 14 and
+HLTH courses combined: maximum credit, one course
+Independent Study course — to be reviewed for credit by UC campus upon transfer
American Civilization 11A, 11B
American Sign Language 1A, 1B
American Studies 5
Anthropology 1, 2, *3, *3AC, 4, 8, 11, 12, 15, 20, 25,
*3 and 3AC combined: maximum credit, one course
Architecture 22A, 29A, 29B, +31A, +31B, 32, +34, 48, 101, 102, 103
+31A, 31B and 34 combined: maximum credit, two courses
*Variable Topics course — to be reviewed for credit by UC campus upon transfer
Asian American Studies 6, 8, 10, 20, 22, 27, 30, 35, 40, 42, *65
*Independent Study course — to be reviewed for credit by UC campus upon transfer
Asian Studies 1, 11, 12, 30
Astronomy *1, 4, 16, *17, *18, *19, 20
*1, 17, 18, 19 combined: maximum credit allowed, 2 courses

BIOLOGICAL SCIENCES:
Chemistry

Computer Science

Computer Networking and Information Technology

Computer Assisted Drafting

Classics

Child Development

Chinese

Supervision and Business Management

BUSINESS:

Accounting 1, 2

Commercial Law 18, 19

General Business 119, 120

Microcomputer Applications for Business +60

+CNIT 100, CS 100M, 101 and MABS 60 combined: maximum credit, one course

Supervision and Business Management 235

Chemistry #40, *101A, 101B, *103A, 107, #110, 110L, 205, **208A, **208B, **212A, **212B

*101A, 103A combined: maximum credit allowed, one course.

*40, 110 combined: maximum credit allowed, one course.

No credit for 40, 110 if taken after 101A or 103A

**208A-208B and 212A-212B combined: maximum credit allowed, one series; no credit for 212B if taken after 208AB


*1AB is equivalent to 1: maximum credit, 6 units;

+2AB is equivalent to 2: maximum credit, 6 units;

#3AB is equivalent to 3: 3, 3AB, and 31AB combined: maximum credit, 6 units;

^4AB is equivalent to 4: maximum credit, 6 units;

Child Development 53, 67, 75, 150


*24, 124A, and 124B combined: maximum credit allowed, one course

**20A, 20B, and LGBT 11 and 12 combined: maximum credit allowed, two courses

Classics 35

Computer Assisted Drafting 181

Computer Networking and Information Technology +100

+CNIT 100, CS 100M, 101, and MABS 60 combined: maximum credit, one course


+CNIT 100, CS 100M, 101, and MABS 60 combined: maximum credit, one course

#160A and 160B must both be taken in order to receive transfer credit

*Independent Study course — to be reviewed for credit by UC campus upon transfer

Culinary Arts and Hospitality Studies 247

Dance 30, 32, 33, *34A, *37, 100A, 101ABC, 102ABC, 107ABC

*108ABC, 109AB, 110AB, 111A, 120ABC, 121B, 122, 125ABC,

126B, 127, 130ABC, 132ABC, 135AB, 136, 137AB, 140AB,

141AB, 142AB, 145AB, 146AB, 147A, 150ABC, 151AB, 155ABC,


*Any or all of these courses, Health 50 and Music 47, (*) Physical Education and (***) Physical Education Athletics courses combined: maximum credit, 4 units

Design 101, 105, 110, 150

Drama (see Theatre Arts)

Economics 1, 3, *5, 6, +10, 25, 30

*5 combined with Mathematics 80 and Psychology 5: maximum credit allowed, one course

*No credit for 10 if taken after History 17A or 17B, or 41A or 41B

Energy 3, 3L

Engineering 1A, 10A, 10B, 20, 20L, 24, 36, 37, 38, 45

English 1A, 1B, 1C, 8, 20, 30A, 30B, 32A, 32B, 35A, 35B, 35C, 35D,

35E, 35F, 36, 37, 41, 43, 44A, 44B, 46A, 46B, 46C, 48A – E, 48G – I,


*Variable Topics course — to be reviewed for credit by UC campus upon transfer


*Any or all of these courses combined: maximum credit allowed, 8 units

Ethnic Studies (see African American, Asian American, Chinese, Latin American and Philippine Studies)

Fashion 22, 28

French *1, *1A, *1B, +2, +2A, +2B, #3, #3A, #3B, 4, 11A, 11B, **20, 22, 41, 42

*1AB is equivalent to 1: maximum credit, 6 units;

+2AB is equivalent to 2: maximum credit, 6 units

#3AB is equivalent to 3: maximum credit, 6 units

**Independent Study course — to be reviewed for credit by UC campus upon transfer

Game Design Development 130

Genetics (See Biological Sciences)

Geographic Information Systems *110

*Same as GEOG 110

Geography 1, 1L, 4, 7, #31, +41A, *110

*Same as GIS 110

#Same as BIO 31, SUST 31

+Same as GEOL +41A

Geology 10, 10L, 11, 18, 30, 30L, +41A

+Same as GEOG +41A

German 1, *1A, *1B, +2, +2A, +2B, #3, #3A, #3B, **4, **4A, **4B, 11A, 11B,

*1AB is equivalent to 1: maximum credit, 6 units;

+2AB is equivalent to 2: maximum credit, 6 units

#3AB is equivalent to 3: maximum credit, 6 units

**4AB is equivalent to 4: maximum credit, 6 units;

Graphic Communications 21, 35, 110A


*Any or all of these courses, and PE 14 combined maximum credit allowed, one course

+50, Music 47, (*) Dance, (***) Physical Education and (****) Physical Education Athletics courses combined: maximum credit allowed, 4 units
Multimedia Studies
Microbiology
Mathematics
Library Information Skills
Lesbian/Gay/Bisexual/Transgender Studies
Learning Assistance
Labor and Community Studies
Journalism
Japanese
Italian
Interdisciplinary Studies
Independent Study
*Independent Study course — to be reviewed for credit by UC campus upon transfer

7V, 7W, 8A, 8B, 9A, 9B, 9C, 10A, 10B, 11, 12, 13A, 13B, 14, 15, 16,

*17A and 17B combined with 41A and 41B: maximum credit allowed, one series
+Independent Study/Variable Topics courses — to be reviewed for credit by UC campus upon transfer

*11, 12, 41A and 41B combined: maximum credit allowed, two courses

Independent Study
*Please note that the transfer credit for courses of this kind is contingent upon an evaluation of the course outline by a University of California campus.

Interdisciplinary Studies 4, 7,*9, 10D, 14, 17, 23, 27A, 27B, +27C,
+28(A-F), 28G, 29, 30, 36, 37, 38, 40, 42, 44, 45, 46, 47, ^50, 100A, 170
*Same as Biology 32
+Independent Studies/Variable Topics course—reviewed by UC campus upon transfer
^Same as LERN 50

*1AB is equivalent to 1: maximum credit, 6 units;
+2AB is equivalent to 2: maximum credit, 6 units;

Japanese *1, *1A, *1B, +2A, +2B, #3, #3A, #3B, **4A, **4B, 39
*1AB is equivalent to 1: maximum credit, 6 units
+2AB is equivalent to 2: maximum credit, 6 units
*3AB is equivalent to 3: maximum credit, 6 units
**4AB is equivalent to 4: maximum credit, 6 units

Journalism 19

Labor and Community Studies ^15, 70A, 70B, *93C, **98A, #98B,
+98C, 100
^Same as LALS 15
**Same as MUS 48A
#Same as MUS 48B
+Same as MUS 48C

Latin American/Latino/a Studies 1, *9, 10, 11, #13, 14, ^15, *70
*Independent Study course -- to be reviewed for credit by UC campus upon transfer
+Same as LGBT 9
^Same as LBCS 15
#Same as POLS 13

Learning Assistance *50, 60
^Same as IDST 50

Lesbian/Gay/Bisexual/Transgender Studies 5, *9, *11, *12, 15, 18, 20,
25, 30, 50, 55, 60, 70, 75, 77
*11 and 12, CINE 20A, 20B combined: maximum credit allowed, two courses
#Same as LALS 9

Library Information Skills 10

Mathematics 70, ^75, +80, **90, **97, *100A, *100B, *110A, *110B,
*110C, 115, #120, #125, ^130
^No credit for 75 if taken after 100A or 110A
+ 80 combined with Economics 5 and Psychology 5: maximum credit, one course
** 90 and 97 combined: maximum credit one course
* 110ABC combined with 100A-B: maximum credit allowed, one series

Microbiology (See Biological Sciences)

Multimedia Studies 125

Music 1A, 1B, 2A, 2B, 2C, 2D, 3A, 3B, *4, 5A, 5B, 6A, 6B, 7C, 7P, 7T,
7V, 7W, 8A, 8B, 9A, 9B, 9C, 10A, 10B, 11, 12, 13A, 13B, 14, 15, 16,

17, 18, 19, 20, 21, 22A, 22B, 22C, 23, 24, 25, 26, 27A, 27B, 27R,
27T, 28, 29, 30, 41, 42, 44, 45, 46, ^47, **48A, ++48B, #48C, 50
* No credit for 4 if taken after 1A or 3A
47, Health 50, (*)Dance, (*)Physical Education and (*)Physical Education Athletics courses combined: maximum credit, 4 units
**MUS 48A same as LBCS 98A
++MUS 48B same as LBCS 98B
#MUS 48C same as LBCS 98C

Nutrition (See Biological Sciences)
Oceanography 1, 1L

Ornamental Horticulture 50, *76, *77
*76 and 77 combined: maximum credit, one course

Paleontology 1

Paralegal Studies 10

Philippine Studies *10, 20, 30 (See also Pilipino courses)
*Independent Study course — to be reviewed for credit by UC campus upon transfer

Photography 50A, 50B, 51

Physical Education *2, 6, +7, 13, #14, +40, +41, +42, +43, +45, +46,
*Any or all of these courses, Music 47, Health 50, (*)Dance, (*)
Physical Education and (*)Physical Education Athletics courses combined: maximum credit, 4 units

Any or all of these courses combined: maximum credit, 8 units, #14, and (*) HLTH courses combined: maximum credit, one course
++Maximum credit, two courses

*Any or all of these courses, Music 47, Health 50, (*)Dance, (*)
Physical Education and (*)Physical Education Athletics courses combined: maximum credit, 4 units

Physical Science *11, 11L
*No credit if taken after a college course in Astronomy,
Chemistry, Geology or Physics

*4D, 4DL, *10, 10L, #40, ++41
*2A-2B combined with 4ABC: max. credit, one series; Deduct credit for duplication of topics; No credit for 10 if taken after 2A or 4A
#40 and 41 combined: maximum credit allowed, one course; no credit for 40 or 41 if taken after 2A or 4A

Physiology (See Biological Sciences)

Pilipino 1, 2, 39A, 39B (See also Philippine Studies)

Political Science 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, #13, 18, 22, 35, +41,
+42A, +42B, +42C, +42D, 43, 45, +46, 47, 48
*No credit for 46 if taken after 1
+Variable Topics course — to be reviewed for credit by UC campus upon transfer
#Same as LALS 13

Psychology 1, 1B, 2, *5, 10, 11, 21, 23, 25, 40, +41, +42, +43
*5 combined with Economics 5 and Mathematics 80: maximum credit allowed, one course
+Variable Topics course — to be reviewed for credit by UC campus upon transfer
Certified if all but two courses on the IGETC pattern have been completed. Additionally, students who complete the entire IGETC pattern may petition for the Certificate of Achievement in IGETC. ALL courses for IGETC certification must be completed with grades of “C” or better. A grade of Credit or Pass may be used if the community college’s policy states it is equivalent to a grade of C or better. For IGETC certification procedures, see a counselor. Courses marked with an “±” have limits placed on transfer credits by UC or CSU. Courses listed in more than one area cannot be certified in more than one area, except for courses in AREA 6: Language Other Than English.

Area 1: English Communication
CSU—Three courses required—one (1) course from each group
UC—Two courses required—one from Group a, and one from Group b.

Group a: English composition: English 1A
Group b: Critical thinking—English composition: English 1B, 1C, Speech 2

Group c: Oral communication (CSU ONLY): Speech 1A, 3, 4, 20

Area 2: Mathematical Concepts and Quantitative Reasoning
One course from the following:
Economics *5

Psychology *5

Area 3: Arts and Humanities
At least three courses, with at least one from the Arts and one from the Humanities, 9 semester units.

Arts:
African American Studies 55
Architecture *31A, *31B, 32, *34
Asian Studies 11
Cinema 18, 23A, 23B
Dance 30, 32
Latin American and Latino/a Studies 14
Lesbian/Gay/Bisexual/Transgender Studies 20, 25, 55, 77
Photography 50A, 50B
Theater Arts 30, 31, 32, 163

Humanities:
African American Studies 30, 35, 40, 50, 51, 60
American Civilization 11A, 11B
American Studies 5
Asian American Studies 6, 10, 35
Asian Studies 12, 30
Cinema *20A, *20B, 21, 22
Classics 35
German *3, *3A, *3B, 4, 4A, 4B

Intersegmental General Education Transfer Curriculum (IGETC) For 2012–13

Note: The information below is valid for 2012–13. The new 2013–14 list is available from a counselor; the Transfer Center; ASSIST, www.assist.org; or the CCSF articulation webpage, www.ccsf.edu/artic.

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University or the University of California system (generally in those majors at the UC campus which are included in those offered in the College of Letters and Science) without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements. Students completing the IGETC pattern may petition for a Certificate of Achievement. In general, it is not advisable for transfer students preparing for engineering majors (at any UC campus) to use the IGETC. Students entering “high unit” majors, such as those in the sciences, can follow the IGETC but must be careful to complete all lower division major preparation.

Check with your Counselor or the UC campus which you plan to attend to determine if you may use IGETC or if you must follow the campus-specific requirements for your particular major.

The course requirements for all areas must be completed before IGETC can be fully certified, though IGETC may now be partially
Interdisciplinary Studies 4,14, 23, 27A, 27B, 29, 30, 36, 37, 38, 42, 44, 47,100A
Italian 3A, 3B, 4A, 4B, 41
Latin American and Latino/a Studies 1
Lesbian/Gay/Bisexual/Transgender Studies *11, *12, 15, 75
Philippine Studies 30
Philosophy 2, 4, 25A, 25C
Pilipino 39A, 39B
Women's Studies 10

AREA 4: Social and Behavioral Sciences
At least three (3) courses from at least two (2) disciplines or an interdisciplinary sequence. 9 semester units (12–15 qtr. units)
4A-Anthropology: ANTH 2, *3, *3AC, 4, 8, 11, 12, 15, 19, 20, 25
4B-Economics: ECON 1, *3, 10, 25, 30
4C-Ethnic Studies: ASAM 8, 20, 22, 27, 30, 35, 40, 42; BCST 104;
HIST 9; IDST 40, 45; LALS 1, 10; LBCS 100; LGBT 50;
4D-Gender Studies: ASAM 35; HIST 45; LGBT 5, 30, 50, 60; WOMN 25
4E-Geography: GEOG 4, 7
4G-Interdisciplinary: AMS 5; ASIA 1; BIO 31; CDEV 53, 67; GEOG 31; HLTH *10, *23, IDST 10D, 17, 28G, 30, 37, 100A; LALS 15; LBCS 15; PHST 20; SPCH 5; SUST 31
4H-Political Science: IDST 7, LALS 11, 13; POLS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 18, 22, 35, 43, 45, *46, 47, 48
4I-Psychology: PSYC 1, 2, 10, 11, 21, 23, 25, 40
4J-Sociology: ADMJ 67, BCST 103; SOC 1, 2, 25, 30, 35

AREA 5: Physical and Biological Sciences
Two (2) courses, one Physical Science course and one Biological Science course: must include at least one Laboratory Activity, 7-9 semester units. (9-12 quarter units)

Physical Sciences
Astronomy 1, 17, 18, 19, 20
Chemistry 40, 101A, 101B, 103A, 110, 205, 208A, 208B, 212A, 212B
Geography 1
Geology 10, 11, 18, 30
Oceanography 1
Paleontology 1
Physical Science 11
Physics 2A, 2B, 4A, 4B, 4C, 4D, 10, 40, 41

Biological Sciences
Anatomy 14, 25
Anthropology 1
Astronomy 4
Biology 9, 11, 20, 32, 40, 100A, 100B
Botany 10
Ecology 20
Genetics 10
Interdisciplinary Studies 9
Microbiology 10, 12
Physiology 1, 12
Psychology 1B
Zoology 10
Laboratory Activity

Anatomy 14, 25
Astronomy 16
Biology 9, 11, 32L, 41L, 100A, 100B
Botany 10
Chemistry 40, 101A, 101B, 103A, 110L, 205, 208A, 208B, 212A, 212B
Ecology 20
Genetics 11
Geography 1L
Geology 10L, 30L
Microbiology 12
Oceanography 1L
Paleontology 1
Physical Science 11L
Physics 2AL, 2BL, 4AL, 2BL, 4BL, 4CL, 4DL, 10L
Physiology 1, 12
Zoology 10

AREA 6: Language Other Than English
(UC requirement ONLY)
Complete ONE of the following to demonstrate proficiency in a language other than English:

1. Two years of high school study in the same language with a grade “C” or better (grammar, vocabulary, reading and composition).
3. Satisfactory score in the SAT II: Subject Test in languages other than English.

If the test was taken before May 1995, the first score is the minimum; if the test was taken after May 1995, use the second score.
Chinese With Listening: 500/520
French/French With Listening: 500/540
German/German with Listening: 500/510
Hebrew (Modern): 500/470
Italian: 500/520
Japanese With Listening: 500/510
Korean/Korean With Listening: not offered before 1995/500
Latin: 500/530
Spanish/Spanish With Listening: 500/520
4. Score of 3 or better on the AP Exams in languages other than English.
5. Score of 5 or higher on the International Baccalaureate Higher Level Exams in languages other than English.
6. Satisfactory completion of a proficiency test administered by a community college, university or other college in a language other than English.
7. Satisfactory completion with “C” grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English. Appropriate documentation of attendance at the secondary school must be presented to CCSF Admissions Office.
8. A passing grade on the international A level or grade of A, B, or C on the O level exam in a language other than English.
9. Competency verified by a faculty member associated with a California community college, if an appropriate achievement test is not available.
CSU Only: U.S. History, Constitution and American Ideals
(Not part of IGETC; may be completed prior to transfer.)
Six (6) units, one course from Group 1 (US-2&3) and one course from Group 2 (US-1):

**Group 1:** Political Science 1;
**Group 2:** Asian American Studies 20; History 1, 9, 12A, 12B, 17A, 17B, 41A, 41B; Labor and Community Studies 70, 70A, 70B; Latin American and Latino/a Studies 1

Note: Group 1 is Area 7A and Group 2 is Area 7B in the CCSF Banner computerized records.

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 individual 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. Because these course requirements may change and because courses may be modified and qualified for or deleted from the C-ID database, students should check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer.

Students may consult the ASSIST database at www.assist.org for specific information on C-ID course designations. Counselors can help students interpret or explain this information.

Below are CCSF courses that have been approved for C-ID numbers at the time of this catalog’s publication. Updated information is available at http://www.c-id.net/course_compare.html.

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