



TRANSFER INFORMATION

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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 L. 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.

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 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.

Associate Degrees for Transfer

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

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the similar 120 semester-unit or 180 quarter-unit baccalaureate degree within 60 semester or 90 quarter units. For more information on the Associate Degrees for Transfer, see the Associate Degree Graduation Requirements section of this catalog. To find out which CSU campuses accept each degree, please go to <http://www.adegreewithaguarantee.com/Degrees.aspx>. Current and prospective CCSF students are encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

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, 122, 130, 132, 142; ENGL 91, 93, 95, 96, ET 108A, and MATH 30, 35, 40, 45, 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 L.)
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.
- 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.
 - 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.
 - They grant six units of credit for one year or more of military service.

American Institutions and United States History Requirement

Upon completion of this coursework, a student will be able to:

- US1: Analyze significant events from U.S. history, including cultural and regional influences.
- US2: Evaluate political institutions and processes in the United States.
- US3: Explain California's political processes and Constitution and its relationship to the federal government.

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. (US-2&3) Political Science 1

Group 2. (US-1) 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) for 2015-16

CSU GE-Breadth handouts and related information are available from a counselor; the Transfer Center; ASSIST, 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.

Due to catalog publication deadlines, the following is a list of CSU General Education courses from the 2015-16 academic year. Updated information is available from a counselor; the Transfer Center; ASSIST, www.assist.org; or the CCSF articulation webpage, www.ccsf.edu/artic.

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:

Upon completion of this coursework, a student will be able to:

- Demonstrate clear and precise oral expression.
- Identify and use culturally competent communication practices.
- Analyze how communication practices impact experiences.

One course from the following:

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

A2 Written Communication:

Upon completion of this coursework, a student will be able to:

- Read critically to annotate, analyze, and evaluate primarily non-function, college-level texts.
- Compose organized and coherent source-based essays that demonstrate critical thinking and rhetorical strategies.
- Demonstrate control over all major conventions of standard English grammar and punctuation.
- Select and integrate reliable, credible, and scholarly sources to support essays, using a standardized citation format.

Take the following course:

English 1A

A3 Critical Thinking:

Upon completion of this coursework, a student will be able to:

- Practice inductive and deductive reasoning in written or oral contexts.
- Integrate support for ideas into an argument structure.
- Identify formal and informal fallacies of language in thought.

One course from the following:

English 1B, 1C

Philosophy 2, 4, 40

Speech 2, 3

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:

Upon completion of this coursework, a student will be able to:

Physical Science

- Apply scientific inquiry and investigation of evidence to critically evaluate physical science arguments.
- Communicate scientific ideas and theories effectively.
- Apply scientific principles, theories, or models to explain the behavior of natural physical phenomena.
- Apply physical science knowledge and reasoning to human interaction with the natural world and issues impacting society.

One course from the following:

Astronomy 1, 17, 18, 19

Chemistry 32, 40, 101A, 101B, 103A, 110, 208A, 208B, 212A, 212B

Energy 3

Geography 1

Geology 10, 11, 18, 30

Oceanography 1

Paleontology 1

Physical Science 11

Physics 2A, 2B, 4A, 4B, 4C, 4D, 10, 20, 40, 41

B2 Life Science:

Upon completion of this coursework, a student will be able to:

Biological Science

- Apply scientific inquiry and investigation of evidence to critically evaluate biological science arguments.
- Communicate scientific ideas and theories effectively.
- Apply scientific principles, theories, or models to explain the behavior of natural biological phenomena.
- Apply biological science knowledge and reasoning to human interaction with the natural world and issues impacting society.

One course from the following:

Anatomy 14, 25

Anthropology 1

Astronomy 4

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Biology 9, 11, 12, 14, 30, 31, 32, 33, 40, 61, 100A, 100B, 225
Ecology 10, 20
Environmental Monitoring, Sampling and Assessment 28
Genetics 10, 15
Geography 31
Microbiology 10, 12
Nutrition 12
Physiology 1, 12
Psychology 1B
Sustainability 31, 225
Zoology 10

B3 Laboratory Activity (to be taken with course from B1 or B2)

Upon completion of this coursework, a student will be able to:

Laboratory Science

1. Investigate natural phenomena through a variety of scientific inquiry techniques.
2. Analyze and evaluate data from the natural world.
3. Apply scientific principles, theories, or models to predict and explain the behavior of natural phenomena.

One course from the following:

Anatomy 14, 25
Astronomy 16
Biology 9, 11, 14, 12, 32L, 41L, 100A, 100B
Chemistry 32, 40, 101A, 101B, 101L, 102L, 103A, 110L, 208A, 208B, 208L, 212A, 212B, 212L
Ecology 20
Energy 3L
Environmental Monitoring and Assessment Programs 28X
Environmental Monitoring, Sampling and Assessment 28
Genetics 11
Geography 1L
Geology 10L, 11L, 30L
Microbiology 12, 28X
Oceanography 1L
Paleontology 1
Physical Science 11L
Physics 2AL, 2BL, 4AL, 4BL, 4CL, 4DL, 10L
Physiology 1, 12
Zoology 10

B4 Mathematics/Quantitative Reasoning:

Upon completion of this coursework, a student will be able to:

1. Apply mathematical concepts through numerical, symbolic, graphical, and verbal methods to interpret quantitative information, solve problems, and communication results

One course from the following:

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:

Upon completion of this coursework, a student will be able to:

1. Identify connections between the arts and cultural and social awareness.
2. Analyze the broader social/historical contexts of works of art.
3. Evaluate the creative expression of self and others.

At least one course from the following:

African American Studies 55
Architecture 31A, 31B, 32, 102, 134
Art 101 thru 109, 118, 122A, 123U, 123V, 123W, 125A, 130A, 140A, 146A, 146B, 160A, 170A, 180A
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, 55, 77
Music 2A, 2B, 2C, 2D, 3A, 3B, 4, 5A, 5B, 9A, 21, 22A, 22B, 22C, 23, 24, 25, 26, 27A, 27B, 27C, 27R, 28
Photography 50A, 50B
Speech 38
Theatre Arts 30, 31, 32, 71, 150A
Visual Media and Design 110

C2 Humanities:

Upon completion of this coursework, a student will be able to:

1. Exhibit an understanding of the ways in which people in diverse cultures and eras have produced culturally significant works.
2. Communicate effectively the meanings and intentions of creative expression.
3. Use analytical techniques to assess the value of human creations in meaningful ways.
4. Demonstrate an understanding of the human condition through language, reasoning, or artistic creation.

At least one course from the following:

African American Studies 30, 40, 60
American Civilization 11A, 11B
American Sign Language 2A
American Studies 5
Asian American Studies 6, 10, 30, 35
Asian Studies 12, 30
Broadcast Electronic Media Arts 106
Chinese 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 4, 4A, 4B, 10A, 10B, 10C, 12A, 12B, 12C, 14A, 14B, 14C, 16, 17, 30A, 30B, 31A, 31B, 32, 33, 36, 39
Cinema 20A, 20B, 21, 22
Classics 35
English 1B, 20, 30A, 30B, 35A, 35B, 35C, 35D, 43, 44A, 44B, 46A, 46B, 46C, 48B, 48C, 48K, 50, 52, 53, 55, 57, 58
French 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 4, 5, 10A, 10B, 10C, 10D, 10E, 11A, 11B, 15A, 15B, 41, 42
German 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 4, 4A, 4B, 10A, 10B, 10C, 10D, 11A, 11B
History 1, 4A, 4B, 5, 9, 12A, 12B, 15A, 15B, 17A, 17B, 18A, 18B, 20, 21, 31, 34, 35A, 35B, 36, 37, 41A, 41B, 45, 48, 49
Humanities 7, 8, 11, 12, 20, 25, 35, 41A, 41B, 48
Interdisciplinary Studies 3, 4, 14, 27A, 27B, 29, 30, 31, 36, 37, 38, 42, 44, 45, 46, 47
Italian 1, 1A, 1B, 2, 2A, 2B, 3A, 3B, 4A, 4B, 10A, 10B, 10C, 10D, 11A, 11B, 15A, 15B
Japanese 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B, 4, 4A, 4B, 10A, 10B, 10C, 39
Latin American and Latino/a Studies 1
Lesbian/Gay/Bisexual/Transgender Studies 11, 12, 15, 18, 75
Philippine Studies 30
Philosophy 2, 4, 25A, 25C
Pilipino 1, 2, 10A, 10B, 10C, 39A, 39B

Russian 1, 1A, 1B, 2, 2A, 2B, 3A, 3B, 10A, 10B, 10C, 10D, 15A, 15B, 16A, 21, 21A, 21B, 22, 22A, 22B, 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, 32A, 32B, 41

Speech 8

Women's Studies 10

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

Upon completion of this coursework, a student will be able to:

1. Exhibit an understanding of methods of inquiry used by the social and behavioral sciences.
2. Critically evaluate the ways people act, think and feel in response to their societies.
3. Demonstrate socio-cultural participation skills, ethical reasoning, and political awareness in order to be effective citizens in a diverse world.

Nine (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, 32

Sociology 1, 2, 3, 21, 25, 35

D1 Anthropology and Archeology

Anthropology 2, 3, 3AC, 4, 8, 11, 12, 15, 20, 25

D2 Economics

Economics 1, 3, 6, 10, 15, 25, 30

Labor and Community Studies 74

D3 Ethnic Studies

African American Studies 30, 42, 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, 41A, 41B

Interdisciplinary Studies 10D, 37, 40, 45

Labor and Community Studies 100

Latin American and Latino/a Studies 1, 9, 10

Lesbian/Gay/Bisexual/Transgender Studies 9, 50

Political Science 7, 12

Psychology 23

D4 Gender Studies

African American Studies 60

Anthropology 20, 25

Asian American Studies 35

Economics 25

History 12A, 12B, 45

Interdisciplinary Studies 31

Labor and Community Studies 78B

Latin American and Latino/a Studies 9

Lesbian/Gay/Bisexual/Transgender Studies 5, 9, 10, 21, 50

Psychology 25

Sociology 25

Women's Studies, 25, 54

D5 Geography

Geography 3, 4, 7

D6 History

Asian American Studies 20

History 1, 4A, 4B, 5, 9, 12A, 12B, 15A, 15B, 17A, 17B, 18A, 18B, 20, 21, 31, 34, 35A, 35B, 36, 37, 41A, 41B, 45, 48, 49, 50

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 6, 10, 52, 97, 110, 221, 231

Interdisciplinary Studies 10D, 17, 30, 37

International Business 162

Labor and Community Studies 15, 96C

Latin American and Latino/a Studies 15

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 71B

Latin American and Latino/a Studies 11, 13

Political Science 1, 2, 3, 4, 5, 6, 7, 9, 12, 18, 22, 25, 30, 35, 43, 45, 46, 47

D9 Psychology

African American Studies 30

Child Development 53, 67

Psychology 1, 2, 4, 10, 11, 21, 23, 25, 26, 32, 40

AREA E: Lifelong understanding and self-development

Upon completion of this coursework, a student will be able to:

1. Identify strategies for continual sociological and biological well-being.

PE/Dance Specific Outcome:

1. Comprehend the principles of lifetime fitness and incorporate fitness activities into a healthy lifestyle.

Three (3) certifiable semester units or 4-5 quarter units from the following:

Career Development 60

Dance* 33, 34A, 37, 100B, 102A, 102B, 110A-172A

Disabled Students Programs and Services 20

Emergency Medical Technician 14

Health Education 10, 25, 27, 33, 36, 48, 50, 52, 53, 54, 64, 67, 72, 97, 120

Interdisciplinary Studies 17, 50

Learning Assistance 50

Lesbian/Gay/Bisexual/Transgender Studies 21, 24, 70

Physical Education *2, 14, *200B-202, *204A-278

Physical Education Athletics* 60-99 series

Psychology 9, 14, 15, 17, 21, 26, 40

Sociology 35

*All DANC/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 for 2015-16

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.

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. In addition, due to publication deadlines, the list of courses is from the 2015-16 academic year. Further information, when it is received from the University, will be made available to students online, www.assist.org.
City College courses which are accepted for credit by all campuses of the University of California:

Academic Achievement Personal Success 103**Administration of Justice** 52, 57, 59, 67**African American Studies** 30, 40, 42, 55, 60**American Civilization** 11A, 11B**American Sign Language** 1A, 1B, 2A**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, 100, 101, 102, 103, 134
+31A, 31B and 134 combined: maximum credit, two courses**Art** 101 thru 109, 118, 122A, 123U, 123V, 123W, 125A, 125B, 126, 130A, 130B, 130C, 132A, 132B, 132C, 132D, 140A, 140B, 140C, 140D, 145A, 145B, 145C, 145D, 146A, 146B, 146C, 146D, 150A, 150B, 150C, 150D, 151A, 151B, 151C, 152A, 152B, 156, 160A, 160B, 160C, 160D, 162A, 162B, 170A, 170B, 170C, 170D, 190**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:**Anatomy** *14, *25

*No credit for 14 if taken after 25 or PHYS 1 or 12; 14 or 25 combined with PHYS 1 or 12: Maximum credit, 2 courses.

Anthropology 1**Biology** 9, *11, 12, 14, 15, 16, 30, #31, 32, 32L, 33, 40, 41L, 55, 61, 100A, 100B, +225

*No credit for 11 if taken after Biology 100A, 100B

#Same as GEOG 31, SUST 31

+Same as SUST 225

Ecology 10, 20**Genetics** *10, 11, *15

*10 and 15 combined: maximum credit allowed, one course

Microbiology 10, 12**Nutrition** *12, *52

*12 and 52 combined: maximum credit, one course

Physiology **1, **12, 67

**1 and 12 combined: maximum credit, one course; 1 or 12 combined with Anatomy 14 or 25: maximum credit 2 courses

Zoology ++10

++No credit for 10 if taken after BIO 11, 100A, 100B, or PHYS 1 or 12

Broadcast Electronic Media Arts 103, 104**BUSINESS:****Accounting** 1, 2**Business Law** 1, 2**General Business** 119**Microcomputer Applications for Business** +60, 160

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

Paralegal Studies 10**Supervision and Business Management** 235**Career Development** 60**Chemistry** #40, *85, °101A, 101B, °103A, 107, #110, 110L, **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

*Variable Topic Course - to be reviewed for credit by UC Campus upon transfer.

- **208A-208B and 212A-212B combined: maximum credit allowed, one series; no credit for 212AB if taken after 208AB
- Chinese** *1, *1A, *1B, +2, +2A, +2B, #3, #3A, #3B, ^4, ^4A, ^4B, 16, 17, 30A, 30B, #31A, #31B, 32, 33, 36, 39
 *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
- Cinema** 18, **20A, **20B, 21, 22, 23A, 23B, *24, *124A, *124B
 *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, +100M
 +CNIT 100, +CNIT 100M, CS 101, and MABS 60 combined: maximum credit, one course
- Computer Science** 100, +101, 110A, 110B, 110C, 111A, 111B, 111C, 112A, 113A, 131A, #160A, #160B, 177, *199, 270
 +CNIT 100, CNIT 100M, CS 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, 100-161, *170, 172A, *175
 Any or all of these courses, HLTH 50 and MUS 47, ()PE and (*)PE A courses combined: maximum credit, 4 units
- Design** *101, 105, °110, **150
 *Same as PHOT 100, VMD 101
 ° Same as VMD 112
 **Same as VMD 118
- Disabled Students Program and Services** *20
 Any or all of these courses, HLTH 50, MUS 47, ()PE and PE A courses combined: maximum credit, 4 units
- Drama** (see Theatre Arts)
- Economics** 1, 3, *5, 6, 15, 25, 30
 *5 combined with LALS 5, MATH 80 and PSYC 5: maximum credit allowed, one course
- Emergency Medical Technician** 14
- Energy** 3, 3L
- Engineering** 1A, 10A, 10B, 20, 20L, 24, 36, 37, 38, 45
- English** 1A, 1B, 1C, 20, 30A, 30B, 35A, 35B, 35C, 35D, 43, 44A, 44B, 46A, 46B, 46C, 48B, 48C, 48K, 50, 52, 53, 55, 57, 58
- English as a Second Language** *140, *150, *160
 *Any or all of these courses combined: max. credit allowed, 8 units
- Environmental Monitoring, Sampling and Assessment** 28
- 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, 15A, 15B, **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 and Development** 130
- Genetics** (See Biological Sciences)
- Geographic Information Systems** *110
 *Same as GEOG 110
- Geography** 1, 1L, 3, 4, 7, #31, +41A, *110
 *Same as GIS 110
 #Same as BIO 31, SUST 31
 +Same as GEOL +41A
- Geology** 10, 10L, 11, 11L, 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;
- Health Education** 6, *10, *25, *27, *33, +50, 52, *53, 54, 221, *231
 *Any or all of these courses, and PE 14 combined maximum credit allowed, one course
 +50, MUS 47, (*)DANC, (*)PE and (*)PE A courses combined: maximum credit allowed, 4 units
- History** 1, 4A, 4B, 5, 9, 12A, 12B, 15A, 15B, 17A, 17B, 18A, 18B, 20, 21, 31, 34, 35A, 35B, 36, 37, 41A, 41B, 45, +46, +47A–D, 48
 +Independent Study/Variable Topics courses — to be reviewed for credit by UC campus upon transfer
- Humanities** 7, 8, *11, *12, 20, 25, 35, *41A, *41B, 48
 *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** 3, 4, 7, 10D, 14, 17, 27A, 27B, +27C, +28(A-F), 29, 30, 31, 36, 37, 38, 40, 42, 44, 45, 46, 47, ^50, 170
 +Independent Studies/Variable Topics course--reviewed by UC campus upon transfer
 ^Same as LERN 50
- Interior Design** 100
- Italian** *1, *1A, *1B, +2, +2A, +2B, 3A, 3B, 4A, 4B, 15A, 15B
 *1AB is equivalent to 1: maximum credit, 6 units;
 +2AB is equivalent to 2: maximum credit, 6 units;
- Japanese** *1, *1A, *1B, +2, +2A, +2B, #3, #3A, #3B, **4, **4A, **4B, 16, 17, 18, 19, 20, 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, 88, **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, +5, *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
 +5, ECON 5, MATH 80 and PSYC 5 combined: maximum credit, one course
- Learning Assistance** *50
 *Same as IDST 50

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Lesbian/Gay/Bisexual/Transgender Studies 5, #9, *11, *12, 15, 18, 20, 50, 55, 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 ECON 5, LALS 5 and PSYC 5: maximum credit, one course

** 90 and 97 combined : maximum credit one course

* 110ABC combined with 100A-B: max. 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, 6C, 6D, 7C1, 7C2, 7C3, 7C4, 7P1, 7P2, 7P3, 7P4, 7T1, 7T2, 7T3, 7T4, 7V1, 7V2, 7V3, 7V4, 7W1, 7W2, 7W3, 7W4, 8A, 8B, 9A, 9B, 9C, 10A, 10B, 10C, 10D, 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, 200ABC

* No credit for 4 if taken after 1A or 3A

47, HLTH 50, (*)DANC, (*)PE and (*)PE A 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 (see Business)

Philippine Studies *10, 20, 30 (See also Pilipino courses)

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

Philosophy 2, 4, 12A, 12B, 25A, 25C, 40

Photography 50A, 50B, 51, 60A, 60B, 81A, *100

*Same as DSGN 101, VMD 101

Physical Education *2, 6, +7, 13, #14, *26, +40, +41, +42, +43, +45, +46, *200-278

Any or all of these courses, MUS 47, HLTH 50, ()DANC, (*)PE and (*)PE A 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

Physical Education Athletics *60, *61, *62, *63, *65, *66, *67, *68, *69, *80, *81, *82, *83, *85, *87, *88, *89, *96, *97, *98, *99

Any or all of these courses, MUS 47, HLTH 50, ()DANC, (*)PE and (*)PE A courses combined: maximum credit, 4 units

Physical Science *11, 11L

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

Physics *2A, 2AC, 2AL, *2B, 2BC, 2BL, *4A, 4AL, *4B, 4BL, *4C, 4CL, *4D, 4DL, #10, 10L, 20, #40, #41

*2A-2B combined with 4ABCD: max. credit, one series; Deduct credit for duplication of topics

#10, 40 and 41 combined: maximum credit allowed, one course; no credit for 10, 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, 9, 12, 18, 22, 35, +41, +42A, +42B, +42C, +42D, 43, 45, *46, 47

*No credit for 46 if taken after 1

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

Psychology 1, 1B, 2, *5, 10, 11, 21, 23, 25, 32, 40, +41, +42, +43

*5 combined with ECON 5, LALS 5 and MATH 80: maximum credit allowed, one course

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

Russian *1, *1A, *1B, +2, +2A, +2B, #3A, #3B, 15A, 15B, 16A, *21, *21A, *21B, +22, +22A, +22B, 41

*1AB is equivalent to 1; 21AB is equivalent to 21

1A, 1AB, 21 and 21AB combined: maximum credit, 6 units;

+2AB is equivalent to 2; 22AB is equivalent to 22;

2, 2AB, 22 and 22AB combined: maximum credit, 6 units;

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

Sociology 1, 2, 3, 21, 25, 35

Spanish *1, *1A, *1B, +2, +2A, +2B, #3, #3A, #3B, 5, 5S, ++6, ++6A, ++6B, 7, 22A, 22B, #31, #31A, #31B, 32, 32A, 32B, 41

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

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

#3AB is equivalent to 3; 31AB is equivalent to 31

3, 3AB, 31 and 31AB combined: maximum credit, 6 units;

++ 6A and 6B combined equivalent to 6: maximum credit 6 units

Speech 1A, 2, 3, 4, 5, 7, 8, 20

Sustainability *31, +225

*Same as BIO 31, GEOG 31

+Same as BIO 225

Theatre Arts 30, 31, 32, 60, 61, 62, 71, 72, 73, 107ABC, 150ABC,

151ABC, 152ABC, 153ABC, 154ABC, 160A, 162A, 166A,

170ABCD, 171ABCD, 201ABC, 202ABC, 203ABC, 204ABC

Visual Media Design *101, 110, **112, +118, 120, 170, 182

* Same as DSGN 101, PHOT 100

** Same as DSGN 110

+ Same as DSGN 150

Women's Studies 10, 25, *51, *52, *53

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

Zoology (see Biological Sciences)

The University accepts transfer credit as indicated above, but does not accept more than 70 semester units of such credit toward graduation. Courses in excess of 70 semester units will receive subject credit and may be used to satisfy University subject requirements. The University does not accept credit that students have been granted for military service, nor does the University necessarily accept credit that City College of San Francisco has granted for work completed at other institutions.

Intersegmental General Education Transfer Curriculum (IGETC) for 2015 – 16

IGETC handouts and related information are 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 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.

Due to catalog publication deadlines, the following is a list of IGETC courses from the 2015-16 academic year. Updated information is available from a counselor; the Transfer Center; ASSIST, www.assist.org; or the CCSF articulation webpage, www.ccsf.edu/artic.

AREA 1: English Communication

CSU—Three courses required—one (1) course from each group

UC—Two courses required—one from Group a, & one from Group b.

1A-English composition:

Upon completion of this coursework, a student will be able to:

1. Read critically to annotate, analyze, synthesize, and evaluate primarily non-fiction, college-level texts.
2. Compose organized and coherent source-based essays that demonstrate critical thinking and rhetorical strategies.
3. Demonstrate control over all major conventions of standard English grammar and punctuation.
4. Select and integrate reliable, credible, and scholarly sources to support essays, using a standardized citation format.

One course from the following:

English 1A

1B-Critical thinking—English composition:

Upon completion of this coursework, a student will be able to:

1. Practice inductive and deductive reasoning in written or oral contexts.
2. Integrate support for ideas into an argument structure.
3. Identify formal and informal fallacies of language in thought.

One course from the following:

English 1B, 1C

Speech 2

1C-Oral communication (CSU-ONLY):

Upon completion of this coursework, a student will be able to:

1. Demonstrate clear and precise oral expression.
2. Identify and use culturally competent communication practices.
3. Analyze how communication practices impact experiences.

One course from the following:

Speech 1A, 3, 4, 20

AREA 2: Mathematical Concepts and Quantitative Reasoning

Upon completion of this coursework, a student will be able to:

1. Apply mathematical concepts through numerical, symbolic, graphical, and verbal methods to interpret quantitative information, solve

problems, and communication results.

One course from the following:

Economics *5

Latin American Latino/a Studies *5

Math 70, *75, *80, *90, *97, *100A, *100B, *110A, *110B, *110C, 115, 120, 125, 130

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.

3A Arts:

Upon completion of this coursework, a student will be able to:

1. Identify connections between the arts and cultural and social awareness.
2. Analyze the broader social/historical contexts of works of art.
3. Evaluate the creative expression of self and others.

At least one course from the following:

African American Studies 55

Architecture *31A, *31B, 32, *134

Art 101 thru 109, 118, 122A, 123U, 123V, 123W

Asian Studies 11

Cinema 18, 23A, 23B

Dance 30, 32

Latin American and Latino/a Studies 14

Lesbian/Gay/Bisexual/Transgender Studies 20, 55, 77

Music 2A, 2B, 2C, 2D, 3A, 3B, 5A, 5B, 21, 22A, 22B, 22C, 23, 24, 25, 26, 27A, 27B, 27R, 28

Photography 50A, 50B

Theater Arts 30, 31, 32

Visual Media Design 110

3B Humanities:

Upon completion of this coursework, a student will be able to:

1. Exhibit an understanding of the ways in which people in diverse cultures and eras have produced culturally significant works.
2. Communicate effectively the meanings and intentions of creative expression.
3. Use analytical techniques to assess the value of human creations in meaningful ways.
4. Demonstrate an understanding of the human condition through language, reasoning, or artistic creation.

At least one course from the following:

African American Studies 30, 40, 60

American Civilization 11A, 11B

American Sign Language 2A

American Studies 5

Asian American Studies 6, 10, 35

Asian Studies 12, 30

Chinese *3, *3A, *3B, *4, *4A, *4B, 30A, 30B, *31A, *31B, 32, 33, 36, 39

Cinema *20A, *20B, 21, 22

Classics 35

English 1B, 20, 30A, 30B, 43, 44A, 44B, 46A,

46B, 46C, 48B, 48C, 48K, 50, 52, 53, 55, 57, 58

French *3, *3A, *3B, 4, 41, 42

German *3, *3A, *3B, 4, 4A, 4B

History 1, 4A, 4B, 5, 9, 12A, 12B, 15A, 15B, *17A, *17B, 18A, 18B, 20,

21, 31, 34, 35A, 35B, 36, 37, *41A, *41B, 45, 48

Humanities 7, 8, *11, *12, 20, 25, 35, *41A, *41B, 48

Interdisciplinary Studies 3, 4, 14, 27A, 27B, 29, 30, 31, 36, 37, 38, 42, 44, 46, 47

Italian 3A, 3B, 4A, 4B

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Japanese *3, *3A, *3B, *4, *4A, *4B, 39
Latin American and Latino/a Studies 1
Lesbian/Gay/Bisexual/Transgender Studies *11, *12, 15, 18, 75
Philippine Studies 30
Philosophy 2, 4, 25A, 25C
Pilipino 39A, 39B
Russian *3A, *3B, 15A, 15B, 16A, 39A, 41
Spanish *3, *3A, *3B, 5, 5S, *6, *6A, *6B, 7, *31, *31A, *31B, 32, 32A, 32B, 41
Speech 8
Women's Studies 10

AREA 4: Social and Behavioral Sciences

Upon completion of this coursework, a student will be able to:

1. Exhibit an understanding of methods of inquiry used by the social and behavioral sciences.
2. Critically evaluate the ways people act, think and feel in response to their societies.
3. Demonstrate socio-cultural participation skills, ethical reasoning, and political awareness in order to be effective citizens in a diverse world.

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, 20, 25

4B-Economics: ECON 1, 3, 6, 15, 25, 30

4C-Ethnic Studies: AFAM 42, ASAM 8, 20, 22, 27, 30, 35, 40, 42; BCST 104; HIST 9; IDST 40, 45; LALS 1, 9, 10; LBCS 100; LGBT 9, 50;

4D-Gender Studies: ASAM 35; HIST 45; IDST 31, LALS *9, LGBT 5, *9, 50; WOMN 25

4E-Geography: GEOG 3, 4, 7

4F-History: HIST 1, 4A, 4B, 5, 9, 12A, 12B, 15A, 15B, *17A, *17B, 18A, 18B, 20, 21, 31, 34, 35A, 35B, 36, 37, *41A, *41B, 45, 48; LALS 1; LBCS 70A, 70B, 88

4G-Interdisciplinary: AMS 5; ASIA 1; BIO 31; CDEV 53, 67; GEOG 31; HLTH 6, 52, *10, 221, *231, IDST 10D, 17, 30, 37; LALS 15; LBCS 15; PHST 20; SPCH 5; SUST 31

4H-Political Science: ADMJ 57, IDST 7, LALS 11, 13; POLS 1, 2, 3, 4, 5, 6, 7, 9, 12, 18, 22, 35, 43, 45, *46, 47

4I-Psychology: PSYC 1, 2, 10, 11, 21, 23, 25, 40

4J-Sociology: ADMJ 59, 67, BCST 103; P E 13, PSYC 32, SOC 1, 2, 3, 21, 25, 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)

5A Physical Sciences

Upon completion of this coursework, a student will be able to:

1. Apply scientific inquiry and investigation of evidence to critically evaluate physical science arguments.
2. Communicate scientific ideas and theories effectively.
3. Apply scientific principles, theories, or models to explain the behavior of natural physical phenomena.
4. Apply physical science knowledge and reasoning to human interaction with the natural world and issues impacting society.

One course from the following:

Astronomy 1, 17, 18, 19, 20

Chemistry 40, 101A, 101B, 103A, 110, 208A, 208B, 212A, 212B

Energy 3

Geography 1

Geology 10, 11, 18, 30

Oceanography 1

Paleontology 1

Physical Science 11

Physics 2A, 2B, 4A, 4B, 4C, 4D, 10, 20, 40, 41

5B Biological Sciences

Upon completion of this coursework, a student will be able to:

1. Apply scientific inquiry and investigation of evidence to critically evaluate biological science arguments.
2. Communicate scientific ideas and theories effectively.
3. Apply scientific principles, theories, or models to explain the behavior of natural biological phenomena.
4. Apply biological science knowledge and reasoning to human interaction with the natural world and issues impacting society.

One course from the following:

Anatomy 14, 25

Anthropology 1

Astronomy 4

Biology 9, 11, 12, 14, 31, 32, 33, 40, 61, 100A, 100B, 225

Ecology 10, 20

Genetics 10

Microbiology 10, 12

Physiology 1, 12

Psychology 1B

Sustainability 225

Zoology 10

5C Laboratory Activity

Upon completion of this coursework, a student will be able to:

1. Investigate natural phenomena through a variety of scientific inquiry techniques.
2. Analyze and evaluate data from the natural world.
3. Apply scientific principles, theories, or models to predict and explain the behavior of natural phenomena.

One course from the following:

Anatomy 14, 25

Astronomy 16

Biology 9, 11, 12, 14, 32L, 41L, 100A, 100B

Chemistry 40, 101A, 101B, 103A, 110L, 208A, 208B, 212A, 212B

Ecology 20

Energy 3L

Genetics 11

Geography 1L

Geology 10L, 11L, 30L

Microbiology 12

Oceanography 1L

Paleontology 1

Physical Science 11L

Physics 2AL, 2BL, 4AL, 2BL, 4AL, 4BL, 4CL, 4DL, 10L

Physiology 1, 12

Zoology 10

AREA 6: Language Other Than English

Upon completion of this coursework, a student will be able to:

1. Communicate effectively, beyond beginning level, in a language other than English.
2. Compose well-organized writing in a language other than English.
3. Demonstrate comprehension of the spoken non-English language in a variety of listening situations.
4. Interpret a variety of written texts in a 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).

2. One of the following with a grade “C” or better: American Sign Language 1B, 2A; Chinese *2, *2B, *3, *3A, *3B, *4, *4A, *4B, *30A, *30B, *31A, *31B; French *2, *2B, *3, *3A, *3B, 4; German *2, *2B, *3, *3A, *3B, *4, *4A, *4B; Italian *2, *2B, 3A, 3B, 4A, 4B; Japanese *2, *2B, *3, *3A, *3B, *4, *4A, *4B; Pilipino 2, Russian *2, *2B, *3A, *3B, *22, *22B; Spanish *2, *2B, *3, *3A, *3B, 5, 5S, *6, *6A, *6B, 7, *31, *31A, *31B, 32, 32A, 32B
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. Score of 5, 6, or 7 on the international A level exam 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.)

Upon completion of this coursework, a student will be able to:

- US1: Analyze significant events from U.S. history, including cultural and regional influences.
- US2: Evaluate political institutions and processes in the United States.
- US3: Explain California’s political processes and Constitution and its relationship to the federal government.

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

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.

C-ID Number	CCSF Course
ACCT 110	ACCT 1
ACCT 120	ACCT 2
AJ 110	ADMJ 57
AJ 120	ADMJ 52
AJ 122	ADMJ 54
AJ 124	ADMJ 53
AJ 140	ADMJ 62
AJ 150	ADMJ 66
AJ 220	ADMJ 51
ANTH 110	ANTH 1
ANTH 110	ANTH 3
ANTH 150	ANTH 2
ARTH 130	ART 104
ARTS 100	ART 125A
ARTS 101	ART 125B
ARTS 110	ART 130A
ARTS 200	ART 132A
ARTS 205	ART 130B
ARTS 220	ART 150A
ARTS 270	ART 126
BUS 140	MABS 160
CDEV 100	CDEV 53
CDEV 110	CDEV 67
CHEM 110	CHEM 101A
CHEM 120S	CHEM 101A + 101B
CHEM 150	CHEM 212A
CHEM 150	CHEM 208A

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C-ID Number	CCSF Course
COMM 110	SPCH 1A
COMM 120	SPCH 3
COMM 130	SPCH 20
COMM 140	SPCH 4
COMM 150	SPCH 5
COMM 160B	SPCH 38
COMM 170	SPCH 7
COMP 112	CS 110A
COMP 112	CS 111A
COMP 122	CS 110B
COMP 122	CS 111B
COMP 132	CS 110C
COMP 132	CS 111C
COMP 142	CS 270
COMP 152	MATH 115
ECE 120	CDEV 65
ECE 130	CDEV 66
ECE 200	CDEV 73
ECE 210	CDEV 72
ECE 220	CDEV 92
ECE 230	CDEV 93
ECON 201	ECON 3
ECON 202	ECON 1
ENGL 100	ENGL 1A
ENGL 105	ENGL 1C
ENGL 120	ENGL 1B
ENGL 130	ENGL 30A
ENGL 135	ENGL 30B
ENGL 160	ENGL 46A
GEOG 110	GEOG 1
GEOG 111	GEOG 1L
GEOG 115	GEOG 1 + 1L
GEOG 120	GEOG 4
GEOG 155	GIS 110
GEOG 155	GEOG 110
GEOL 100	GEOL 10
GEOL 100L	GEOL 10L
GEOL 101	GEOL 10 + 10L
GEOL 110	GEOL 11
GEOL 110L	GEOL 11L
GEOL 130	GEOL 30
GEOL 130L	GEOL 30L
GEOL 131	GEOL 30 + 30L
GEOL 200	GEOL 18
HIST 130	HIST 17A
HIST 140	HIST 17B

C-ID Number	CCSF Course
HIST 170	HIST 4A
ITIS 120	CS 101
JOUR 110	JOUR 21
JOUR 120	JOUR 35
JOUR 150	JOUR 26
JOUR 210	JOUR 36
MATH 210	MATH 110A
MATH 220	MATH 110B
MATH 230	MATH 110C
MATH 240	MATH 125
MATH 900S	MATH 110A + 110B
PHIL 100	PHIL 4
PHIL 130	PHIL 25A
PHIL 140	PHIL 25C
PHYS 100S	PHYC 2A + 2AL + 2B + 2BL
PHYS 105	PHYC 2A + 2AL
PHYS 110	PHYC 2B + 2BL
PHYS 200S	PHYC 4A + 4AL + 4B + 4BL + 4C + 4CL + 4D + 4DL
PHYS 205	PHYC 4A + 4AL
PHYS 210	PHYC 4B + 4BL
POLS 110	POLS 1
POLS 120	POLS 3
POLS 130	POLS 2
POLS 140	POLS 5
PSY 110	PSYC 1
PSY 120	PSYC 10
PSY 150	PSYC 1B
PSY 170	PSYC 32
PSY 180	PSYC 21
PSY 200	PSYC 2
SOCI 110	SOC 1
SOCI 115	SOC 3
SOCI 120	SOC 21
SOCI 130	SOC 35
SOCI 140	SOC 25
SPAN 100	SPAN 1A + 1B
SPAN 100	SPAN 1
SPAN 200	SPAN 3
SPAN 200	SPAN 3A + 3B
SPAN 210	SPAN 6
SPAN 210	SPAN 6A + 6B
THTR 151	TH A 150A
THTR 152	TH A 150B
THTR 175	TH A 71 + 72
THTR 192	TH A 61