



SINGLE SUBJECT TEACHING CREDENTIAL

Transfer Requirements

The Single Subject teaching credential authorizes the holder to teach an individual subject in grades six through twelve. In order to obtain a Single Subject teaching credential, students must possess a Bachelor of Arts degree, satisfy the state's basic skills requirement, and demonstrate subject matter competence, either by completing a California Commission on Teacher Credentialing (CCTC) approved subject matter preparation program or by passing the California Subject Exam for Teachers (CSET) in the field they wish to teach. Although Single Subject credential candidates can major in any subject, it is recommended that they major in a subject closest to the field in which they plan to teach. Subject matter programs generally coincide sufficiently with the degree major so that many of the same courses can be used to complete both major and subject matter program requirements, but students should be aware that satisfying the requirements for one does not automatically satisfy the requirements for the other.

Students interested in earning a Single Subject credential through a California State University should complete the following prior to transfer: (1) the CSU General Education certification pattern; (2) any lower division courses for the major that are offered at El Camino College; (3) any prerequisites to upper division courses in the major that are available at El Camino; and (4) the Subject Matter Preparation Program courses listed on this guide sheet if they have not already been taken as part of the major. Note: Lower division courses for the major can be found in each university's catalog and/or at www.assist.org, and prerequisites for upper division courses in the major can be found in each institution's catalog.

CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS

CSUDH offers CCTC-approved subject matter preparation programs in the following subjects: art, English (communications, literature, TESL, and theatre arts), foreign language (Spanish), math, physical education, and history/social science. Courses for each program that can be taken at El Camino College are listed below. For more information, please contact the Teacher Education Office at: 310.243.3522 or visit them on the Web at: www.csudh.edu.

Art: Art 2; Art 3; Art 61ab or 62abcd; Art 37ab; Art 31abcd; Art 10ab; Art 22ab or 23abcd; and Art 81ab

English: English 1A and English 1B or 1C. Communication Studies Option: Also take Journalism 1.

Foreign Language (Spanish): Spanish 1, 2, 3, and 4; Spanish 52A

History/Social Science: History 140 and 141 (formerly History 3 and 4); History 101 and 102 (formerly History 1A and 1B); Political Science 1 and 10; and Economics 1 and 2

Mathematics: Math 190, 191, 220, 210; Physics 1A, 1B, 1C, and 1D

Physical Education: No courses currently articulated under the Physical Education – Teaching Option. Please see the Physical Education/Kinesiology guide sheet.

CALIFORNIA STATE UNIVERSITY, FULLERTON

CSUF offers CCTC-approved subject matter programs in the following areas: art, English (English and theatre), foreign language (French, German, Japanese, and Spanish), mathematics, music, physical education, science (biology, chemistry, geology or physics)* and social science. Courses for each program that can be taken at El Camino College are listed below. For more information, please contact the Center for Careers in

Teaching at: 714.278.7130 or visit them on the Web at: www.fullerton.edu/cct.

Art: Art 37ab; Art 31abcd; Art 61ab; Art 10ab or 11abcd; Art 22ab or 23abcd; Art 17ab or 18abcd; Art 2, Art 3, Art 73ab and Art 24ab

English: English 15A and 15B

Foreign Language (French, German, Japanese, and Spanish): Spanish 1, 2, 3, 4 and 21ab or 22ab; German 1, 2, and 3; Japanese 1, 2, 3, and 4; French 1, 2, 3, and 4

Mathematics: Mathematics 190, 191, 220, and 270

Music: Music 3A, 3B, and 3C

CALIFORNIA STATE UNIVERSITY, FULLERTON (continued)

Physical Education: Anatomy 30; and six units of physical education in six different areas: martial arts/combatative, team sports, individual sports, aquatics, fitness, and racquet sports.

Science (Biology): Biology 101 and 102; Chemistry 1A and 1B; Chemistry 7A and 7B; Physics 2A or 3A and 2B or 3B; and Math 160 or 190

Science (Chemistry): BA degree = Chemistry 1A and 1B; Chemistry 7A and 7B; Physics 2A or 3A and 2B or 3B; and Math 190 and 191. BS degree = Chemistry 1A and 1B; Chemistry 7A and 7B; Physics 1A, 1B, 1C, and 1D; Math 190, 191, 220 and 270

Science (Geology): Geology 1 and 3; Geology 2 and 4; Biology 10; Chemistry 1A and 1B; Math 190 and 191 or Math 160 and one upper division course at CSUF; Physics 1A, 1B, and 1C or Physics 2A or 3A and 2B or 3B; and one from: Anatomy 30, Math 220, Math 270, or Physics 1D.

Science (Physics): Chemistry 1A or 1B; Physics 1A, 1B, 1C, and 1D; Math 190, 191, and 220

*Note: The science courses listed above are for the baccalaureate degree only. No approved Single Subject Matter Preparation Program exists in science.

Social Science (History): History 101 and 102 (formerly History 1A and 1B); History 140 and 141 (formerly History 3 and 4)

CALIFORNIA STATE UNIVERSITY, LONG BEACH

CSULB offers CCTC-approved subject matter preparation programs in the following subjects: art, English (various emphases), foreign language (French, Japanese, and Spanish), health science, family and consumer studies, mathematics, music, physical education, science (biology, chemistry, geology, and physics), and social science. Courses for each program that can be taken at El Camino College are listed below. For more information, please contact the Single Subject Credential Program at 562.985.7622 or visit them on the Web at: www.ced.csulb.edu/single-subject.

Art: Art 5A or 5B or 9 and Art 2, 3, and 4; Art 19ab or 20abcd or 22ab or 23abcd or 24abcd; Art 37ab; Art 31abcd; Art 61ab; Art 62abcd; Art 10ab; Art 17ab; Art 141abcd

English: All emphases should take English 15A or 15B, English 40A or 40B, Theatre 1 or 8, Communication Studies 1, and one of the following: English 36, Theatre 4, or English 31. Africana Studies emphases may also take English 43; World Literature emphases may also take English 31, 35, or 36; Journalism emphases may also take Journalism 1; and Theatre Arts emphases may also take Theatre 14A.

Foreign Language (French, Japanese, and Spanish): Please see www.assist.org for each language.

Health Science: Anatomy 32 and Physiology 31 OR Anatomy/Physiology 34A and 34B; Biology 10; Chemistry 20 or Chemistry 1A; Contemporary Health 1; Psychology 5; Nutrition and Foods 11

Family and Consumer Studies: Child Development 114; Business 17; Nutrition and Foods 11; Fashion 10ab or 11ab; Fashion 20; Fashion 41; Chemistry 20; Psychology 5; Communication Studies 1; Sociology 101 or Anthropology 2

Mathematics: Math 190, 191, 210, and 220 and one of the following sequences: Physics 1A, 1B, and 1C or Philosophy 8 or eight units of a foreign language

Music: Music 2B or 3A; Music 3B; Music 11; Music 15A; Music 53abcd or Music 71abcd or Music 68abcd; Music 80ab. Students are also encouraged to take as many performance-based courses as possible. Note: Music 47ab or 48abcd is strongly recommended.

Physical Education: Psychology 5; Physiology 31 and Anatomy 32 or Anatomy/Physiology 34A and 34B; and PE 221abcd

Science (Biology): Biology 17 and 18; Biology 8 and 11 or 101 and Biology 102; Chemistry 1A and 1B; Geology 1 and 3 or Geology 6; Math 160 or 190; Microbiology 33; Physics 2A or 3A or Physics 2B or 3B or Physics 1A, 1B, and 1C

Science (Chemistry B.A.): Chemistry 1A and 1B; Physics 2A or 3A and Physics 2B or 3B or Physics 1A, 1B, and 1C; Math 190 and 191

Science (Geosciences): Geology 1 and 3; Geology 2 and 4; Math 190 and 191; Chemistry 1A and 1B; Physics 1A, 1B, and 1C; Biology 10; Math 220

Science (Physics): Physics 1A, 1B, 1C, and 1D; Math 190, 191, and 220; Chemistry 1A and 1B; Biology 10
Single Subject Teaching Credential

CALIFORNIA STATE UNIVERSITY, LONG BEACH (continued)

Social Science: History 101 and 102 (formerly History 1A and 1B); History 140 and 141 (formerly History 3 and 4); Geography 5; and Political Science 1 and 2. Ethical Perspectives emphases may also take Philosophy 3 or 23. Diversity and Equity emphases may also take History 16A, History 16B, and History 17. (Note: A number of other possible emphases are available at CSULB).

CALIFORNIA STATE UNIVERSITY, LOS ANGELES

CSULA offers CCTC-approved subject matter programs in the following areas: art, English, health science, industrial arts, mathematics, music, physical education, science (biology, chemistry, geology, and physics), and social science. Courses for each program which can be taken at El Camino are listed below. **Note: Students should choose English 1C to meet their CSU GE critical thinking requirement since many of the following emphases require it.** For more information, please contact the Charter College of Education at 323.343.4300 or visit them on the Web at: www.calstatela.edu/academic/csoe.

Art: Art 2 and 3; Art 37ab; Art 31abcd; Art 10ab; Art 61ab; Art 22ab; Art 43abcd; Art 17ab or 18ab; Photo 51

English: English 15A and 15B; Communication Studies 1

Foreign Language (French): French 3 and 4

Note: CSULA also has a credential in Spanish and in Japanese, but there are no courses articulated in these majors from El Camino College.

Industrial and Technology Education: Complete any El Camino College Division of Industry and Technology certificate program along with the CSU General Education Certification pattern. Also take Math 130 and Chemistry 21A or Physics 11 and 12.

Mathematics (BA): Computer Science 3; Math 150; 190, 191, 220, and 210; Physics 1A and 8 units from Chemistry 1A, Chemistry 1B, Math 270, Physics 1B and 1D, or Physics 1C

Music (BA or BM): Music 2A and 2B; Music 3A, 3B and 3C; Music 31A, 31B, and 31C

Physical Education: First Aid 1; Anatomy 32 and Physiology 31 or Anatomy/Physiology 34A and 34B; Math 130 or 180 and 150; PE 277; Physics 11 and 12; Psychology 5; Sociology 101

Science (Biology): Biology 101, 102, and 103; Chemistry 1A and 1B; Math 190 and 191 or 160; Physics 2A and 2B

Science (Chemistry): Chemistry 1A and 1B; Math 190, 191, and 220; Physics 1A, 1B, 1C and 1D or Physics 2A and 2B

Science (Geology): Geology 1and 3; Geology 2 and 4; Chemistry 1A and 1B; Math 190 and 191; Physics 2A and 2B

Science (Physics): Chemistry 1A and 1B; Math 190, 191, 220, and 270; Physics 1A, 1B, 1C, and 1D

Social Science: Geography 2; History 140 and 141 (formerly History 3 and 4); History 101 and 102 (formerly History 1A and 1B); Political Science 1; Economics 5

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE

CSUN offers CCTC-approved subject matter programs in the following areas: art, English, foreign language (Spanish), health science, home economics, mathematics, music, physical education, science (biology, chemistry, geology, and physics*), and social science. Courses for each program that can be taken at El Camino College are listed below. For more information, please contact the Credential Preparation Office at 818.677.2586 or visit them on the Web at: www.csun.edu/education/.

Art: Art 10ab; Art 17ab; Art 37ab; Art 31abcd; two from: Art 2, Art 3, Art 4, Art 9, or Art 5A; and two from Art 52abcd, Art 29ab, Art 18abcd, Art 22ab, Art 81ab, Art 87ab, Art 39ab, Art 144abcd, Art 61ab or Photo 51 or 2. Note: The CSUN Art Department's Single Subject Credential advisors recommend that El Camino College students take any art classes taught by Professor Russ McMillen.

English: English 15A and 15B and English 40A or 40B

Family and Consumer Studies: Nutrition and Foods 11; Biology 10; Fashion 10ab; Fashion 20

Foreign Language (Spanish and French): Spanish 22ab, Spanish 3 and Spanish 4 or French 21ab and 22ab, French 3 and 4 and English 35 or 36

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (continued)

Health Science: Psychology 5; Sociology 101; Biology 10; Anatomy 32 and Physiology 31 OR Anatomy/Physiology 34A and 34B; Chemistry 4; and Math 150

Mathematics: Mathematics 190, 191, and 220; Computer Science 1 or 30; Physics 1A

Music: Music 2A, 3A, 3B, 3C, 15A, and 15B

Physical Education: Biology 10; Anatomy 32 and Physiology 31 OR Anatomy/Physiology 34A and 34B; Math 150

Science (Biology): CSUN does not have an approved subject matter preparation program in biology. For a list of biology major requirements, please see www.assist.org.

Science(Chemistry--BA): Chemistry 1A and 1B; Physics 1A and 1C; Math 160 and 161 or Math 190 and 191

Science (Geology): Astronomy 25 and 12; Biology 101 and 102; Chemistry 1A and 1B; Geology 1 and 3 or Geology 2 and 4; Math 160 or 190; Physics 2A and 2B or Physics 1A, 1B, 1C, and 1D

Science (Physics): CSUN does not have an approved subject matter preparation program in physics. For a list of physics major requirements, please see www.assist.org.

Social Science: Social science candidates should complete the history major requirements on www.assist.org. Currently, these requirements are History 140 and 141, History 101 and 102 (formerly History 1A and History 1B), and one of the following: History 183, 175, or 176 (formerly History 12A, 14A, or 14B).

SAN DIEGO STATE UNIVERSITY

SDSU offers CCTC-approved subject matter programs in the following areas: art, English (English, speech, journalism, and theatre), mathematics, physical education, science (biology, chemistry, geology, and physics), and social science. Courses for each program that can be taken at El Camino College are listed below. For more information, please contact the Teacher Education Department at 619.594.6131 or visit them on the Web at: <http://edweb.sdsu.edu>.

Art (impacted program): Art 10ab; Art 37ab; Art 11abcd; Art 31abcd; Art 22ab or 23abcd; Art 141abcd or 143abcd; Art 2, 3, and 4; Psychology 5; Child Development 3 or Psychology 16

English: Anthropology 4; English 1A; Speech 1; English 1B or 35 or 36; Journalism 12; English 31; English 40A and 40B or English 15A and 15B; English 24A or 25A

Foreign Language (Spanish): SDSU no longer has a CCTC Spanish waiver program. Students may obtain the Single Subject credential by passing the CSET in Spanish.

Mathematics: There is no current articulation agreement on ASSIST.ORG for this major.

Music: There is no current articulation agreement on ASSIST.ORG for this major.

Physical Education: Biology 10; Anatomy 32 or 34A and B; Chemistry 4 or Chemistry 21A and 21B; PE 272 and 277; Psychology 5; Sociology 101; and one course from Math 150, Psychology 9A, or Sociology 109

Science (Biology): Biology 101 and 102; Chemistry 1A and 1B; Chemistry 7A; Physics 2A and 2B; and Math 160-161 OR Math 190

Science (Chemistry): Astronomy 12; Communication Studies 1; Biology 101 and 102; Chemistry 1A, 1B, and 7A; Math 190 and 191; Physics 2A and 2B and Math 220 or Physics 1A, 1B, 1C, and 1D

Science (Physical Science): There is no current articulation agreement on ASSIST.ORG.

Social Science (impacted program): Economics 1 and 2; Geography 2; History 101 and 102 (formerly History 1A and 1B); History 140 and 141 (formerly History 3 and 4); and Political Science 1

Please see next page for information on University of California campuses and private universities.

UNIVERSITY OF CALIFORNIA

MOST, BUT NOT ALL, SINGLE SUBJECT CREDENTIALS WILL BE EARNED AT THE GRADUATE LEVEL. VISIT EACH CAMPUS' WEBSITE TO DETERMINE WHETHER THE CREDENTIAL YOU WISH TO PURSUE IS OFFERED. THEN COMPLETE YOUR LOWER DIVISION GENERAL EDUCATION AND MAJOR REQUIREMENTS WHICH CAN BE FOUND ON WWW.ASSIST.ORG. THE WEBSITES ARE AS FOLLOWS:

UCB: WWW.GSE.BERKELEY.EDU

UCSB: WWW.EDUCATION.UCSB.EDU

UCD: WWW.EDUCATION.UCDAVIS.EDU

UCSC: WWW.EDUCATION.UCSC.EDU

UCI: WWW.GSE.UCI.EDU

UCLA: WWW.CENTERX.GSEIS.UCLA.EDU/TEP

UCR: WWW.EDUCATION.UCR.EDU

UCD: WWW.EDS.UCSD.EDU

PRIVATE UNIVERSITIES

VISIT THE WEBSITE OR CONSULT THE COLLEGE CATALOG FOR THE PRIVATE SCHOOL YOU WANT TO ATTEND IN ORDER TO DETERMINE WHETHER THE CREDENTIAL YOU WISH TO EARN IS CURRENTLY OFFERED. THEN MEET WITH A COUNSELOR TO DISCUSS WHICH COURSES AT EL CAMINO COLLEGE WILL FULFILL THE LOWER DIVISION AND MAJOR REQUIREMENTS FOR THE PRIVATE SCHOOL YOU HAVE SELECTED.