



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: No courses currently articulated

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

History/Social Science: History 3; History 4; History 1A and 1B; Political Science 1; Political Science 10 (or an upper division political science course at CSUDH); Geography 2; Economics 1 and 2; and one additional CSU GE course in anthropology, psychology, or sociology

Mathematics: Computer Information Systems 16, Math 150, 190, 191, 220, 210; Physics 1A, 1B, 1C, and 1D

Physical Education: Anatomy 30 or Anatomy 32 and Physiology 31; First Aid 1; PE 277; PE 300abcd; PE 204abcd; PE 220abcd; PE 224abcd; PE 240abcd or 241abcd; PE 251abcd; PE 280, PE 1abcd or PE 54abcd; and two courses from PE 74abcd, 238abcd, or 253abcd

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

California State University, Fullerton (continued)

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

Art: Art 2; Art 3; Art 37ab; Art 31abcd; Art 61ab; Art 10ab or 11abcd; Art 22ab or 23abcd; Art 17ab or 18abcd; Art 73ab; 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, 3, 4, and 5; 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

Physical Education: Anatomy 30; and six units of physical education in six different areas: combative, team sports, individual sports, aquatic, fitness, and court/racquet sports.

Science (Biology): Biology 1A and 1B; 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 and 191

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

Science (Physics): Chemistry 1A; 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 1A and 1B; 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 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

English: All emphases should take English 15A or 15B, English 40A or 40B, Theatre 1 or 8, Speech 1, and one of the following: English 36, Theatre 4, or English 31. Black 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.

California State University, Long Beach (continued)

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

Health Science: Anatomy 30; Biology 10; Chemistry 20 or Chemistry 1A; Contemporary Health 1; Psychology 5; Nutrition and Foods 11

Family and Consumer Studies: Child Development 8 and 34; Nutrition and Foods 11; Fashion 16ab and 10ab or 11ab; Fashion 41; Chemistry 20; Psychology 5; Speech 1; Sociology 101 or Anthropology 2

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

Music: Music 11; Music 15A. 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; Anatomy 32; PE 243 and PE 221

Science (*Biology, Chemistry, Geosciences, and Physics*): Astronomy 20 or 25; Biology 101-102; Chemistry 1A and 1B; Geology 1 and 3 or Geology 6; Physics 1A, 1B, and 1C or Physics 2A and 2B or Physics 3A and 3B; and Math 190, 191, and 220. Note: Physics emphases should also take Physics 1D, and geology emphases should also take Geology 2 and 4.

Social Science: History 1A; History 1B, History 3; History 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 141abcd; Art 17ab or 18ab; Photo 51

English: English 15A and 15B; Speech 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 those majors from El Camino College.

Industrial Arts: Automotive Technology 1 and 25; Architecture 150A and 158; Electronics and Computer Hardware Technology 11, 14, and 110; Machine Tool Technology 16ab; Construction Technology 107abcd; Computer Assisted Design and Drafting 5 and 10abcd; Photo 51

Mathematics: Math 190, 191, 220, 210, 150, and 270; Chemistry 1A and 1B

Music: Music 2A and 2B; Music 31A, 31B, and 31C

Physical Education: First Aid 1; Anatomy 32; Physiology 31; Math 150; PE 277; Physics 11 and 12;

Psychology 5; Sociology 101

California State University, Los Angeles (continued)

Science (Biology): Biology 1A, 1B, and 1C; 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 2A and 2B

Science (Geology): Geology 1 and 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

Social Science: Geography 2; History 3 and 4; History 1A and 1B; Political Science 1; Psychology 5; and English 31 or Philosophy 2

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; and two from: Art 2, Art 3, Art 4, Art 9, or Art 5A. Note 1: The CSUN Art Department's Single Subject Credential advisors recommend that El Camino College students take any art classes taught by Professor Russ McMillen. Note 2: Please see www.assist.org for additional art electives which can be taken at the community college level.

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): Spanish 22ab; Spanish 3; Spanish 4

Health Science: Psychology 5; Sociology 101; Biology 10; Anatomy 32; Physiology 31; Chemistry 4; Math 150; Contemporary Health 1; First Aid 1

Mathematics: Mathematics 190, 191, and 220; Computer Science 1, 25, or 30; Physics 1A

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

Physical Education: Physiology 31; Anatomy 32; Math 150; PE 221abcd; PE 240abcd and PE 241abcd

Science (Biology): Program is being discontinued.

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

Science (Geology): Astronomy 25 and 12; Biology 1A or 101; Biology 1B or 202; Chemistry 1A and 1B; Geology 1 and 3; Geology 2 and 4; Math 190; Physics 2A and 2B or Physics 1A, 1B, 1C, and 1D

Science (Physics): Chemistry 1A; Math 190, 191, 220, and 270; Physics 1A, 1B, 1C, and 1D. Note: The physics CCTC program is being phased out. It will end on June 30, 2010. However, students who have taken at least one course towards the physics major prior to July 1, 2005 will be accommodated.

California State University, Northridge (continued)

Social Science: The CSUN social science program is currently pending CCTC approval. In the interim, interested candidates should complete the history major requirements on www.assist.org. Currently, these requirements are History 3, History 1A and History 1B, and one of the following: 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: English 1A and 1B; six units from English 15A, 15B, 40A, or 40B; and one from English 24A, 25A, or 24B

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: Math 150, 190, 191, 210, 220, and 270. Physics 1A, 1B, 1C and 1D are also recommended.

Music: Music 1

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

Science (Biology): Biology 1A and 1B; Chemistry 1A and 1B; Chemistry 7A; Physics 2A and 2B; and Math 160-161 OR Math 190-191

Science (Chemistry): Speech 1; Biology 1A and 1B; Chemistry 1A, 1B, and 7A; Math 190 and 191; Math 220 and Physics 2A and 2B or Physics 1A, 1B, 1C, and 1D

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

Social Science (impacted program): Economics 1 and 2; Geography 2; History 1A and 1B; History 3 and 4; and Political Science 1

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

UCD: WWW.EDUCATION.UCDAVIS.EDU

UCI: WWW.GSE.UCI.EDU

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

UCR: WWW.EDUCATION.UCR.EDU

UCSB: WWW.EDUCATION.UCSB.EDU

UCSC: WWW.EDUCATION.UCSC.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.