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 102A; 102B or 109; 130; 160

**English:** English 1A and English 1B or 1C. Communications Option: Also take Journalism 1.

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

**Mathematics:** Math 150, 190, 191, 220, 210; Physics 1A, 1B, 1C, and 1D

**Physical Education:** Anatomy 30 or 32 and Physiology 31 or Anatomy/Physiology 34A and 34B; PE 277; PE 254 or 245; Dance 167 or 168 or 268; PE 204; 224; 220 or 221; 240 or 241; 251; 280; 10 or 54; and two from PE 4, 74, or 253

**Social Science (History):** History 140 and 141; History 101 and 102; Political Science 1 and 10; and Economics 1 and 2; Geography 2

**CALIFORNIA STATE UNIVERSITY, FULLERTON (2013-2014 catalog)**

CSUF offers CCTC-approved subject matter programs in the following areas: art, English (English and theatre), foreign language (French, 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 130, 160, 161, 110 or 210, 222 or 223, 217 or 218, 102A and 102B, 173 and 224

**English:** English 15A and 15B

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

**Mathematics:** Mathematics 190, 191, 220, and 270

**Music:** Music 103A, 103B, and 203

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*Note: *Courses listed for science may also be taken for the major at El Camino College.
CALIFORNIA STATE UNIVERSITY, FULLERTON (continued)

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

Science (Biology): Biology 101, 102, 103, and 104; Chemistry 1A and 1B; Chemistry 7A and 7B; Physics 2A or 3A and 2B or 3B; and Math 160 or 190 and 191

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; History 140 and 141

CALIFORNIA STATE UNIVERSITY, LONG BEACH

CSULB offers CTC-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 102A, 102B, and 102C; three units from: Art 205A, 205B, 207 or 209; Art 110, 130, 160, 217, 161, and 262; and one from Art 219, 220, 222, 223 or 224

English: All emphases should take English 15A or 15B, English 40A or 40B, Theatre 103 or 113, Communication Studies 1, and one of the following: English 36, Theatre 103, Theatre 104, 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 114. Note: Theatre 103 may not double-count above.

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

Health Science: Anatomy 30; Contemporary Health 1; Psychology 5; Nutrition and Foods 11; Math 150 or Psychology 9A or Sociology 109

Mathematics: Math 190, 191, 210, 220, and 270 and one of the following sequences: Physics 1A, 1B, and 1C or Philosophy 8 or eight units of a foreign language

Music (B.A.): Music 102B or 103A; 103B; 111; 215A; 190abcd; and one from Music 151abcd, 152abcd, 153abcd, 257abcd,265abcd, 266abcd, 267abcd, or 268abcd. Students are also encouraged to take as many performance-based courses as possible.

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

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

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

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

Social Science: History 101 and 102; History 140 and 141. Also recommended: Geography 5 and Political Science 1 and 2
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/ccoe](http://www.calstatela.edu/academic/ccoe).

**Art:** Art 102A and 102B; 130; 160; 110; 161; 222; 133; 217 or 218; Photo 51

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

**Foreign Language:** No courses articulated at this time.

**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 or 180 and Chemistry 20 or 21A or Physics 11 and 12. Also recommended: Education 101.

**Mathematics (BA):** Computer Science 3; Math 150; 190, 191, 220, and 210; Physics 1A. Eight units of electives may also be selected from Chemistry 1A, Chemistry 1B, Math 270, Physics 1B and 1D, or Physics 1C.

**Music (BA or BM):** Music 103A and 103B; 203; 102A and 102B; 131 A and 131B; 231A

**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; Physics 2A and 2B; Math 160 and 161

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

**Science (Geology):** Geography 1 and 2; Oceanography 10; Geology 1 and 3; Geology 2 and 4; Chemistry 1A and 1B; Math 190 and 191; Physics 2A and 2B

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

**Social Science (History):** Geography 2; History 140 and 141; History 101 and 102; Political Science 1; Economics 5

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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/](http://www.csun.edu/Education/).

**Art:** Art 110; 130; 160; two from Art 102A, 102B, or 102C; Art 209; Art 205A or 205B; 129; 217

**English:** English 15A and 15B and English 40A or 40B. Please see [www.assist.org](http://www.assist.org) to select an Extended Study Emphasis.

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

**Foreign Language (Spanish and French):** Spanish 3 and 4 and Spanish 22 (for Spanish Language/Culture emphasis) or Spanish 22 and English 35 and 36 (for Spanish Literature emphasis); French 3 and 4; and English 35 or 36

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

**Music:** Music 103A and 103B; Music 215A and 215B; Music 203

**Physical Education:** Biology 10; Anatomy 32 and Physiology 31 OR Anatomy/Physiology 34A and 34B; Math 150; PE 277

**Science (Biology):** CSUN does not have an approved subject matter preparation program in biology. Biology majors take Biology 101, 102; Chemistry 1A, 1B; Math 170 and 180 or 130 and 170; Physics 2A-2B or 3A-3B

**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 and Geology 2 and 4; Math 160 or 190; Physics 2A or 3A and 2B or 3B or Physics 1A, 1B, 1C, and 1D
CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (continued)

Science (Physics): CSUN does not have an approved subject matter preparation program in physics. Physics majors take Chemistry 1A; Math 190, 191, 220, and 270; Physics 1A, 1B, 1C, 1D

Social Science (History): 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, and one of the following: History 183, 175, or 176

SAN DIEGO STATE UNIVERSITY (2013-2014 catalog)

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: www.coe.sdsu.edu.

Art (impacted program): Art 110; Art 130; Art 160; Art 222 or 223; Art 141 or 143; Art 102A, 102B, and 102C; Psychology 5; Child Development 103 or Psychology 16

English: Anthropology 4; English 1A; Communication Studies 1; English 1B or 35 or 36; Journalism 12; English 31; English 40A and 40B or English 15A and 15B; English 24A or 25A. Note: Students must also fulfill a third semester of one foreign language to meet an SDSU graduation requirement for this major.

Foreign Language (Spanish): SDSU no longer has a CCTC waiver program. Students may obtain the Single Subject credential by passing the CSET in Spanish. If they wish to major in Spanish, they should take: Spanish 1; Spanish 2; Spanish 3 and 21 or 52A; Spanish 4 and 22 or 52B

Health Science: Biology 10; Microbiology 33; Anatomy 32; Chemistry 4; Psychology 5; Sociology 101; Math 150 or Psychology 9A, or Sociology 109

Mathematics: Math 190, 191, 210, 220, and 270; Math 150 or Psychology 9A or Sociology 109

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

Physical Education (Fitness Specialist): Biology 10; Chemistry 4; Physical Education 54; Anatomy 32; Psychology 5; Sociology 101; and Math 150 or Sociology 109 or Psychology 9A

Science (Biology): Biology 101 and 102; Chemistry 1A and 1B; Chemistry 7A; Physics 2A and 2B or Physics 3A and 3B; and Math 160 and 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 -2B or Physics 3A- 3B AND Math 220 OR Physics 1A, 1B, 1C, and 1D

Science (Geological): Oceanography 10 or Geology 1 and 3; Geology 2 and 4; Biology 10; Chemistry 1A and 1B; Math 190 and 191; Physics 1A and 1C

Social Science (impacted program): History 101 and 102; History 140 and 141. Note: Students must also fulfill a third semester of one foreign language to meet an SDSU graduation requirement for this major.

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  
UCI: WWW.GSE.UCL.EDU  
UCLA: WWW.GSEIS.UCLA.EDU  
UCR: WWW.EDUCATION.UCR.EDU  
UCSD: WWW-TEP.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.

Single Subject Teaching Credential