Meeting the Subject Matter Requirement for Teacher Credential Candidates
Summary of Options by Credential Area

California Education Code identifies numerous ways that a candidate may demonstrate that they know the subject matter that they will teach in the PK-12 public schools. These options differ depending on the credential being sought. The chart below summarizes the various options for each teaching credential and reflect the approval of §80096 (a)-(d) to Title 5 of the California Code of Regulations (CCR) by the Office of Administrative Law (OAL) on June 29, 2023.

Credential	Baccalaureate (or higher) Degree from a Regionally Accredited Institution of Higher Education in one of the Following Academic Degree Majors	Completion of Commission approved Subject Matter Preparation Programs	Coursework Evaluation against Subject Matter Requirement (SMR) Domains	CSET Examination	Combination of CSET and Coursework Evaluation	Other (Number of Units or Coursework Evaluation for Specific Content Areas)
Education Specialist (any) *Note: Subject Matter not required for ECSE, nor for those who already hold a valid CA General Education credential*	Any of the academic degrees approved for use for the Multiple or Single Subject credentials.	Completion of any subject matter program approved by the Commission for the Multiple or Single Subject credentials. See Approved Subject Matter Programs.* *(Choose the Subject Matter Tab on the above linked dashboard.)*	Yes	Any of the CSET Examinations approved for use for the Multiple or Single Subject Credentials.	Yes	N/A
Multiple Subject	Liberal Studies Liberal Arts Elementary Education	Yes, see Approved Subject Matter Programs for available Elementary Subject Matter	Yes 23 Domains	CSET: Multiple Subject (3 Subtests)	Yes	An academic degree major that includes all content areas noted in Ed

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		programs. *(Choose the Subject Matter Tab on the above linked dashboard)*				Code 44282 as follows: 1. language studies 2. literature 3. mathematics 4. science 5. social studies 6. history 7. arts 8. physical education 9. human development
Single Subject: Agriculture	Agriculture Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 6 Domains	CSET: Agriculture (3 Subtests)	Yes	N/A
Single Subject: Art	Art	Yes, see Approved Subject Matter	Yes	CSET: Art (2 Subtests)	Yes	N/A

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	Additionally, any degree major that includes the name of the subject area of the single subject credential.	Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	4 Domains			
Single Subject: Business	Business Additionally, any degree major that includes the name of the subject area of the single subject credential.	No subject matter programs are currently offered for this credential.	Yes 6 Domains	CSET: Business (3 Subtests)	Yes	N/A
Single Subject: Dance	Dance Additionally, any degree major that includes the name of the subject area of the single subject credential.	No subject matter programs are currently offered.	Yes 4 Domains	CSET: Dance (2 Subtests)	Yes	N/A
Single Subject: English	English	Yes, see Approved Subject Matter Programs for	Yes 4 Domains	CSET: English (4 Subtests)	Yes	N/A

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	Additionally, any degree major that includes the name of the subject area of the single subject credential.	available programs in this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*				
Single Subject: Foundational-Level Math	Mathematics Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs in this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 4 Domains	CSET: Foundational Level Mathematics (2 Subtests)	Yes	N/A
Single Subject: Health Science	Health Science Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 9 Domains	CSET: Health Science (3 Subtests)	Yes	N/A

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Single Subject: Home Economics	Home Economics Family and Consumer Science Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area.*(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 5 Domains	CSET Home Economics (3 Subtests)	Yes	N/A
Single Subject: Industrial and Technology Education	Industrial and Technology Education Additionally, any degree major that includes the name of the subject area of the single subject credential.	No subject matter programs are currently offered for this credential.	Yes 4 Domains	CSET: Industrial and Technology Education (2 Subtests)	Yes	N/A
Single Subject: Mathematics	Mathematics Statistics Additionally, any degree major that	Yes, see Approved Subject Matter Programs for available programs with this single	Yes 5 Domains	CSET: Mathematics (3 Subtests)	Yes	N/A

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	includes the name of the subject area of the single subject credential.	subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*				
Single Subject Music	Music Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 4 Domains	CSET: Music (2 Subtests)	Yes	N/A
Single Subject Physical Education	Physical Education Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 7 Domains	CSET: Physical Education (3 Subtests)	Yes	N/A
Single Subject: Science Biological Science	Biology Biological Engineering	Yes, see Approved Subject Matter Programs for available programs	Yes 8 Domains	CSET Science (2 Subtests)	Yes	N/A

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	Biochemistry Biological Science Additionally, any degree major that includes the name of the subject area of the single subject credential.	with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	4 General Science Domains, plus 4 Biology Domains			
Single Subject: Science Chemistry	Chemistry Biochemistry Chemical engineering Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 7 Domains 4 General Science Domains, plus 3 Chemistry Domains	CSET Science (2 Subtests)	Yes	N/A

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Single Subject: Science Foundational-Level Science	Engineering (any) Additionally, any degree major that includes the name of the subject area of the single subject credential and any degree major offered by a college or university science department.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 4 Domains 4 General Science Domains	CSET Foundational-Level Science (Computer-based test only)	Yes	N/A
Single Subject: Science Geoscience	Geoscience Geology Earth Science Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 7 Domains 4 General Science Domains plus 3 Earth/Space Domains	CSET Science (2 Subtests)	Yes	N/A
Single Subject: Science Physics	Physics	Yes, see Approved Subject Matter	Yes	CSET Science (2 Subtests)	Yes	N/A

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	Mechanical Engineering Structural Engineering Additionally, any degree major that includes the name of the subject area of the single subject credential.	Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	8 Domains 4 General Science plus 4 Physics Domains			
Single Subject: Social Science	Social Science Additionally, any degree major that includes the name of the subject area of the single subject credential. **Does Not Qualify** – A degree in one of the social science subject areas such as World History, U.S. History,	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 6 Domains	CSET: Social Science (3 Subtests)	Yes. This may be particularly helpful for those with a degree or coursework in one of the social science subareas (U.S. History, Geography, etc.) to identify which CSET Subtest an	N/A

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	California History, American Democracy, Economics, or Geography **does not satisfy subject matter for the Single Subject Social Science.**				individual should take.	
Single Subject: Theatre	Theatre Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 4 Domains	CSET Theatre 2 Subtests	Yes	N/A
Single Subject American Sign Language	American Sign Language Additionally, any degree major that includes the name of the subject area of	No subject matter programs are currently offered for this credential.	Yes 6 Domains	CSET: American Sign Language (3 Subtests)	Yes	N/A

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	the single subject credential.					
Single Subject: World Language: English Language Development	Teaching English to Speakers of Other Languages (TESOL) Teaching English as a Foreign Language (TEFL) Additionally, any degree major that includes the name of the subject area of the single subject credential.	Yes, see Approved Subject Matter Programs for available programs with this single subject area. *(Choose the Subject Matter tab on the above linked dashboard.)*	Yes 5 Domains	CSET: ELD (3 Subtests)	Yes	N/A
Single Subject: World Language	Baccalaureate Degree in a World Language matching the Single Subject World Language of the credential being sought. Additionally, any degree major that	Yes, available for some languages only. See Approved Subject Matter Programs for available programs within this single subject area. *(Choose the Subject Matter*	Yes Number of Domains Vary by Language	CSET: (Language of Credential being sought) Number of Subtests varies by language. Languages available: CSET: Arabic CSET: Armenian CSET: Cantonese CSET: Farsi	Yes	N/A

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	includes the name of the subject area of the single subject credential.	*tab on the above linked dashboard.)*		CSET: Filipino (Tagalog) CSET: French CSET: German CSET: Hebrew* CSET: Hindi* CSET: Hmong CSET: Italian* CSET: Japanese CSET: Khmer CSET: Korean CSET: Mandarin CSET: Portuguese* CSET: Punjabi CSET: Russian CSET: Spanish CSET: Turkish CSET: Vietnamese WEST-E: Latin ** Alternative assessment for Language Skills is provided for these lower incidence languages -see CSET*		

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				webpages linked above)		