Teaching Science in California

The California Commission on Teacher Credentialing authorizes nine different science credentials for teaching in grades 7-12. Each credential requires demonstration of subject matter competence through completion of specific graduate degrees OR successful passage of the appropriate subtests of the California Subject Examination for Teachers (CSET) in science.

Candidates with a regular credential in a science area are authorized to teach in their specific discipline as well as general and integrated science, including middle school science. Candidates with a specialized credential in a science area are authorized to teach only in their specific discipline. Candidates with a Foundational Level General Science Credential are authorized to teach general and middle school science.

Application Requirements

• MEET your Subject Area Coordinator
  o Dr. Megan Tommerup (Natural Science Minor and undergraduate science)
    mtommerup@fullerton.edu
  o Dr. Antoinette Linton (Single Subject Science Credential)
    alinton@fullerton.edu

• VIEW the Single Subject Credential Program Overview at http://ed.fullerton.edu/seced/future-students/credential-programs/

• APPLY to the University at www.csumentor.edu

• APPLY to the Single Subject Credential Program at http://ed.fullerton.edu/seced/future-students/credential-programs/
  o Deadlines: March 15 for Fall semester, October 15 for Spring semester

• DEMONSTRATE subject matter competency by passing the appropriate California Subject Examination for Teachers subtests (CSET)
  www.cset.nesinc.com

• DEMONSTRATE basic skills proficiency by passing one of the following: 1) CBEST; 2) Multiple Subjects CSET plus Writing Exam; or 3) CSU Early Assessment Program or CSU English and Math Placement Exams

• COMPLETE required prerequisite coursework and admissions requirements

• CHECK OUT your financial aid options at http://ed.fullerton.edu/current

College Park
800 N State College Blvd Fullerton CA, 92831
http://ed.fullerton.edu/SecEd/CredentialProg/
http://ed.fullerton.edu/msti/
**Science Credentials and CSET Subtests**

### Biology
- **Biological Sciences (specialized)**
  - #120 Subtest III Concentration Biology
  - #124 Subtest IV Specialization Biology
- **Biological Sciences (regular)**
  - #118 Subtest I General Science
  - #119 Subtest II General Science
  - #120 Subtest III Concentration Biology

### Chemistry
- **Chemistry (specialized)**
  - #121 Subtest III Concentration Chemistry
  - #125 Subtest IV Specialization Chemistry
- **Chemistry (regular)**
  - #118 Subtest I General Science
  - #119 Subtest II General Science
  - #121 Subtest III Concentration Chemistry

### Geoscience
- **Geosciences (specialized)**
  - #122 Subtest III Concentration Earth & Planetary Science
  - #126 Subtest IV Specialization Earth & Planetary Science
- **Geosciences (regular)**
  - #118 Subtest I General Science
  - #119 Subtest II General Science
  - #122 Subtest III Concentration Earth & Planetary Science

### Physics
- **Physics (specialized)**
  - #123 Subtest III Concentration Physics
  - #127 Subtest IV Specialization Physics
- **Physics (regular)**
  - #118 Subtest I General Science
  - #119 Subtest II General Science
  - #123 Subtest III Concentration Physics

### Foundational Level General Science
- #118 Subtest I General Science
- #119 Subtest II General Science

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**Credential Program Requirements and Coursework**

To earn a secondary science teaching credential, candidates must:

- Hold at least a baccalaureate degree
- Meet U.S. Constitution Requirement
- Be CPR Red Cross Certified
- Demonstrate subject matter competency, and
- Complete a program of professional preparation including student teaching and teacher performance assessment.

**PREREQUISITES:**
- EDSC 310: The Teaching Experience: Participation (3)
- EDSC 320: Adolescent Development (3) (GE)
- EDSC 330: Developing Literacy in Secondary Schools (3)
- EDSC 340: Diversity in Secondary Schools (3)

**PRESERVICE COURSE REQUIRED OF ALL INTERN CANDIDATES**
- Introduction of Secondary Teaching Online Module

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**FIRST SEMESTER**
- EDSC 304: Educational Technologies for Secondary Teachers (3) **may be completed second semester**
- EDSC 410: Teaching English Learners in Secondary Schools (3) **must be taken as a prerequisite if in Intern Program**
- EDSC 440F: Supervised Fieldwork in Secondary Schools (2)
- EDSC 440S: General Pedagogy of Secondary School Teaching (4)
- EDSC 442C: Teaching Science in Secondary Schools (3)
- EDSC 449E: First Semester Student Teaching (3)

**SECOND SEMESTER**
- EDSC 449I: Second Semester Student Teaching (10)
- EDSC 449S: Seminar in Secondary Teaching (3)
- EDSC 460: Teaching Performance Assessment Seminar (3)

You may earn your credential while concurrently employed as a teacher in the public schools through our CTC approved Internship Program!

To learn more visit: [http://ed.fullerton.edu/seced/future-students/credential-programs/internship-professional-track-program/](http://ed.fullerton.edu/seced/future-students/credential-programs/internship-professional-track-program/)