

Descriptions

Advising And Other Information:

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Single Subject Science Credential
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Education Classroom 379
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Department of Secondary Education
College Park 600-6
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Science Education Capstone Classes For Future Teachers (currently offered):

- Biology 400: Seminar in Biology Education
- Geology 420: Earth Science Communication, Education, and Outreach Methods

College of Ed Classes for Applying to Single Subject Credential Program (Required):

- EDSC 310: The Teaching Experience: Preparation
- EDSC 320: Adolescent Development
- EDSC 330: Developing Literacy in Secondary Schools
- EDSC 340: Diversity in Secondary Schools

Clubs / Professional Organizations, Scholarships and Other Opportunities:

- SCTA: Student California Teachers Association
- NSTA: National Science Teachers Association
- Science/ Math Ambassadors: Tutoring program
- MSTI: Mathematics and Science Teachers Initiative (partnership of the Colleges of Ed. and NSM)
- PRISE: Promoting Resources in Informal Science Education, Summer Internships for Future Science and Math Teachers
- TITAN ASES: Titans After School Education and Safety Program (Center for Internships and Community Engagement)

State Testing: CA State Educator Credentialing Examinations (Required):

- CBEST: California Basic Education Skills Test (reading, writing, mathematics)
- CSET: California Subject Examination for Teachers Foundational-level General Science Subtest I (Test code 215)
- CSET Subtest II (test codes 217-220) for specific area of scientific concentration

Teaching Credentials:

Single subject Credential: authorizes holder to teach in their subject area (Biological Science, Chemistry, Physics, Geosciences), as well as integrated science (K-12) and any introductory science

Single Subject Foundational Level General Science (FLGS) Credential: Authorizes holder to teach introductory science (General, Life, or Physical) for grades K-12 and integrated science for grades K-9

Teaching Science in High School

Pathways to
Success for CSU
Fullerton Future
Science Teachers



CALIFORNIA STATE UNIVERSITY
FULLERTON

Why Become a Science Teacher?

33,000

NEW CALIFORNIA MATH AND SCIENCE TEACHERS ARE NEEDED IN THE NEXT TEN YEARS. ⁽¹⁾

TEACHER SHORTAGE LIST SHOWS SCIENCE IS A HIGH-NEEDS AREA ⁽³⁾



"Teaching isn't just a job. It isn't just a career. It's a calling."

"It's a commitment to our communities, our students and most of all, a commitment to our future." ⁽⁴⁾



Today's students are tomorrow's workforce, and they will need excellent skills in science, technology, engineering, and math to succeed.

In fact, ten of the top 14 fastest-growing industries require STEM training. ⁽²⁾

\$74,770

Average Secondary School Teacher Salary ⁽⁵⁾

(1) California State University Math and Science Teacher Initiative <http://www.calstate.edu/teachered/msti/>
 (2) Enriching America's classrooms with 100,000 more, excellent STEM teachers by 2021 <https://100kin10.org/>
 (3) Teacher Shortage Areas Nationwide Listing 1990-1991 through 2016-2017, August 2016, U.S. Department of Education, Office of Postsecondary Education, <https://www2.ed.gov/about/offices/list/ope/pol/tsa.pdf>
 (4) Torlakson, Tom, California Needs Teachers <http://www.teachcalifornia.org/Steps/SupIntendent>
 (5) Become a Teacher in California, <https://teach.com/states/become-a-teacher-in-california/>

Suggestions and Recommendations for Admission to CSUF College of Education Single Subject Credential Program

(Descriptions on next page)

