Teaching Science in High School

Pathways to Success for CSU Fullerton Future Science Teachers

**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
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)

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$74,770
Average Secondary School Teacher Salary (5)

Suggestions and Recommendations for Admission to CSUF College of Education Single Subject Credential Program
(Descriptions on next page)

Get Advising from Credential Prep or Single Subject Coordinator

Take Science Ed Capstone Classes

Take Your Science Major Classes

Pass State Testing

College of Ed
Single Subject Credential: Biology, Chemistry, Geology, Physics

Foundational-Level Credential: General Science (Grades 7-12)

Take Required College of Ed Classes

Explore Scholarships or Teaching Opportunities

Join Teaching Clubs or Professional Orgs

(1) California State University Math and Science Teacher Initiative http://www.calsate.edu/teachered/mstl/