Do you have a strong mathematics or science background?

Thousands of students need you!
• Our country faces a critical shortage of mathematics and science teachers at all levels.

• The National Academies identify the recruitment of mathematics and science teachers as one of America’s highest priorities.
• Numerous job opportunities are available throughout the county, state, and country for qualified candidates.

• Today’s teachers are educating tomorrow’s leaders. Will those leaders be prepared to face the challenges of the century?

You can impact the future!
The Teacher Recruitment Project is dedicated to increasing the number of qualified mathematics and science teachers at all levels.
Obtain a Single Subject Credential in addition to your Multiple Subject Credential!

MORE OPPORTUNITIES FOR YOU & BETTER EDUCATION FOR STUDENTS
Requirements for Adding a Single Subject Credential in Mathematics

- A Multiple Subject Teaching Credential
- Passing scores on the appropriate CSET mathematics subtests (see next slide)
- Successful completion of an appropriate single subject methods course, such as EDSC 542M: Advanced Methods of Teaching Foundational-Level Mathematics

For more information about the methods course, please contact Dr. Mark Ellis (mellis@fullerton.edu).
<table>
<thead>
<tr>
<th>Credential</th>
<th>Required CSET Subtests*</th>
<th>Authorized Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundational-Level Mathematics (FLM)</td>
<td>#211, 212</td>
<td>FLM credential holders are authorized to teach general mathematics, algebra, geometry, probability and statistics, and consumer mathematics in departmentalized settings.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>#211, 212, 213</td>
<td>Mathematics credential holders are authorized to teach all math courses up to and including calculus in departmentalized settings.</td>
</tr>
</tbody>
</table>

*See the CSET information site: [www.ctcexams.nesinc.com/about_CSET.asp](http://www.ctcexams.nesinc.com/about_CSET.asp)
Requirements for Adding a Single Subject Credential in Science

• A Multiple Subject Teaching Credential

• Passing scores on the appropriate CSET science subtest(s) (see next slide)

• Successful completion of an appropriate single subject methods course, such as EDSC 542S: Advanced Methods of Teaching Foundational-Level Science

For more information about the methods course, please contact Dr. Maria Grant (mgrant@fullerton.edu).
## Science Credentials

<table>
<thead>
<tr>
<th>Credential</th>
<th>Required CSET Subtests*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundational-Level General Science</td>
<td>#215</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>#215, 217</td>
</tr>
<tr>
<td>Chemistry</td>
<td>#215, 218</td>
</tr>
<tr>
<td>Geosciences</td>
<td>#215, 219</td>
</tr>
<tr>
<td>Physics</td>
<td>#215, 220</td>
</tr>
</tbody>
</table>

*See the CSET information site: [www.ctcexams.nesinc.com/about_CSET.asp](http://www.ctcexams.nesinc.com/about_CSET.asp)

Test requirements were revised in August 2017 to align with the Next Generation Science Standards (NGSS). The most up-to-date source of information is provided at the link above.
## The Difference Among Science Credentials

<table>
<thead>
<tr>
<th>Foundational-Level General Science Credential</th>
<th>Science Credentials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundational-Level General Science (FLGS) Credential holders are authorized to teach general, introductory, and—through grade 8 only—integrated science.</td>
<td>Science (biological sciences, chemistry, geosciences, &amp; physics) credential holders are authorized to teach their specific discipline as well as general and integrated science.</td>
</tr>
</tbody>
</table>
Information about the Foundational-Level Mathematics subtests may be found at
www.ctcexams.nesinc.com/test_info_CSET.asp?t=212

Information about the Foundational-Level General Science subtest may be found at
www.ctcexams.nesinc.com/test_info_CSET.asp?t=215
CSET Preparation

The Fresno State Mathematics and Science Teaching Initiative Project offers online test preparation periodically. Check here:

http://fresnostate.edu/kremen/teachmathscience/

UCI Open has free online resources here:

http://ocw.uci.edu/collections/california_subject_examination_for_teachers_preparation_resources.html

The Orange County Department of Education offers excellent preparation courses. Find information here:

http://www.ocde.us/InstructionalServices/Leadership/Pages/California-Subject-Examinations-for-Teachers-(CSET)-Test-Prep-Series.aspx
EDSC 542M and 542S are generally offered during summer session. Occasionally, they are also offered in the spring semester.

Prerequisites include:

• Completion of at least one semester of the Multiple Subject Credential Program, and

• Demonstration of subject matter competence, either by passing the appropriate CSET subtest (one or two for math; one for science) or by completing appropriate subject matter coursework (one semester of college probability or precalculus for 542M; contact Dr. Grant for 542S).

For the information about the course schedule or prerequisites, contact Dr. Mark Ellis (524M) or Dr. Maria Grant (542S).
EDSC 542M and 542S may be included on the graduate study plan for the Master’s degree in Education with a concentration in Elementary Curriculum and Instruction. Contact Heather Terry (hterry@fullerton.edu) for information about the graduate program.
Financial Support

Financial support may be available through several sources:

- *The Teacher Recruitment Project (TRP)*
- *TEACH Grant*
- *College of Education scholarships*
Financial Support: The TRP

As funding is available, the TRP supports candidates by offering reimbursement for the following:

• CSET registration fees upon passing the subtest

• Fees for the CSET preparation course offered by OCDE (see slide 13) upon passing the subtest

• Course registration fees upon successful completion of the methods course and the CSET subtest(s)

In addition, as available, CSET subtest preparation materials are provided for free to TRP participants.
Click on this link to learn more about the federal TEACH Grant: https://studentaid.ed.gov/sa/types/grants-scholarships/teach#what-is-teach

Learn about scholarships for credential and graduate students offered by CSUF’s College of Education here: http://ed.fullerton.edu/current-students/financial-aid/scholarships/scholarship-bulletin/
What Now?

1. Submit a Statement of Interest form to Dr. Ruth Yopp-Edwards (ryopp@fullerton.edu), TRP Co-Director. The form is available on the TRP website (http://ed.fullerton.edu/trp).

2. Contact either Dr. Mark Ellis (math) or Dr. Maria Grant (science) to confirm your subtest selections and your intent to enroll in the summer course.

3. Access/request test preparation materials and enroll in OCDE’s preparation course (strongly encouraged). (See slide 13.)

4. Register for the appropriate CSET subtest(s). Submit receipts for the preparation course(s) and the subtest(s) along with evidence that you have passed the subtest(s) to Dr. Yopp-Edwards.

5. Enroll in the methods course (only if you meet the prerequisites). Submit registration receipt and evidence of successful completion to Dr. Yopp-Edwards.
Multiple Subject Credential holders who earned a bachelor’s degree or completed a 32-semester-unit course of study in mathematics or one of the sciences may qualify to add the Introductory Subject Matter Authorization (ISMA) to their credential. The ISMA authorizes the holder to teach up to grade 9 curriculum. (Note: This is not an additional credential.) Candidates should apply directly to California’s Commission for Teacher Credentialing:

www.ctc.ca.gov/credentials/applications.html
Thank you for your interest in teaching mathematics or science!

Your students are waiting for you.

CALIFORNIA STATE UNIVERSITY
FULLERTON

TRP
Teacher Recruitment Project