

CONTACT INFORMATION

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Project SMTRI
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Geology or Geosciences is the study of the materials, structures, processes and history of the earth. Philosophically, it allows us to realize our place in the physical universe within the enormity of geologic time. Practically, it leads us to understanding of earth processes, the formation of rocks and minerals, the energy supplies that support our civilization. Students who wish to become Earth Science or physical science teachers in middle, junior or high school would complete a B.A. in Geology while taking courses to prepare for the CSET exams as well as teacher education

PROJECT SMTRI

Project SMTRI (Symmetry) leads SSU efforts to increase the number of science and mathematics teachers. We emphasize recruitment, collegial and financial support, collaboration, rigorous education and community. Come join the teachers who are helping students become the next scientists and mathematicians.

Check out these forgivable loans Assumption Program of Loans for Education

<http://www.csusuccess.org/scholarship>



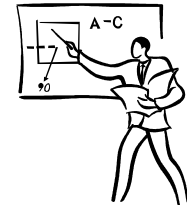
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Rise above the Gathering Storm

Become an Earth Science Teacher at Sonoma State University



Project SMTRI: Science and Mathematics Teacher Recruitment Initiative

**School of Education
School of Science and Technology**

Be A Teacher

In the State of California, there are four different kinds of science teacher credentials and one mathematics teaching credential. Here at Sonoma State University, we are committed to preparing the next generation of science and mathematics teachers by supporting students as they reach for the classroom. No other profession can be so rewarding and as fun as being a science or mathematics teacher.

In order to become a middle, junior high or high school science teacher, students must complete their major, pass exams to show their knowledge and complete a one-year teacher preparation program. All can be found here at SSU.

The Need

The demand for qualified science and mathematics teachers is great. In the Federal Report: *Rising above the Gathering Storm*, priority 1A calls for 10,000 new science teachers in the next few years. You can be one of these teachers. Sonoma State University has programs available for you to become a science teacher. Currently we have available money to help science and mathematics teacher candidates pay for some of their teacher education costs. As this money becomes available, we distribute it to students. We hope that the money continues.

Becoming an Earth Science Teacher Time Line

Freshman and Sophomore Years

1. **Get on track to get your B.A. in a Geology**
2. **Take science classes outside of your area for CSET examination for your GE requirements (biology and astronomy)**
3. **Join Student Chapter of National Science Teacher Association**
4. **Take EDUC 250 and 295 to make sure you want to be a teacher**

Junior Year (60 units plus)

5. **Take EDSS 417 as one of your GE requirements**
6. **Meet Science Teacher Advisor in the School of Education.**

Senior or Final Year

7. **Signup to get your clearances (see School of Education website for more information)**
8. **Explore and Apply for scholarship opportunities like APLE* (Assumption Program of Loans for Education)**
9. **Apply to the teacher education program**
10. **Graduate with a BA or BS in Geology**
11. **Take CSET exams**

Summer of your graduating year

12. **Complete teacher preparation program prerequisites EDSS 418 and EDSS 433**

Fifth or Teaching Credential Year

13. **Complete Credential courses and requirements**

Flexibility of Program

If you are a junior or senior and thinking about becoming a science teacher then you should orient yourself to the teacher education program at Sonoma State University by contacting the School of Education Office. You will also need to pass some subject matter knowledge tests, take some prerequisites and get clearances to go into classrooms. Refer to the Single Subject Program at the School of Education webpage for details. In one summer and one year after graduation you could be working as a science teacher in one of California's Public schools. Apply in your senior year.

Some Benefits of Becoming a Science Teacher

Have a dynamic Job: Since the students are always changing your job will also change. Each day is rarely the same as the next and each year is different from the next.

Get to do science stuff: As a science teacher you can create cool science activities that students will use. Don't you remember that amazing science teacher.?

Make a difference. Although not all kids will remember you, however you do guide their lives and academics. Kids will remember a good teacher. Don't you?

Hold a permanent job. Once established you will have a regular pay check and job security.

Strong Pay: A first year teachers will make between 35 and 42K and each subsequent year their salary increases. Teachers with ten years experience make between 60 to 70K. Many teaching jobs have excellent health and fringe benefits. Each school district has their own pay schedule. As a teacher you will teach about 185 days per year.