California Teach-Science & Mathematics Initiative

(CalTeach-SMI)

"SMI offered advising that helped me to ask questions that had not crossed my mind. I was able to network and participate in conferences, activities, and field work. SMI fully put me onto my road to teaching."

—Tricia Pryer
('16 mathematics)

UNIVERSITY OF CALIFORNIA
UC RIVERSIDE

CalTeach-SMI Pathways to Teacher Credential Programs

Starting as Freshman/Sophomore | **YEAR 1** | **Starting as UCR Upperclassman/Junior Transfer**

- EDUC 003
- Peer Mentor Program — NASC 192/192L
- Peer Mentor Program — CBEST/CSET Testing*3

YEAR 2

- EDUC 004
- Upper Division EDUC Courses — CBEST/CSET Testing*3
- Classroom Fieldwork Scholarships*3

YEARS 3&4

- Teacher Apprentice Program
- Teaching Credential Program**1 (Optional: Intern Teacher Status = 120 hours coursework/fieldwork)

Right pathway:
- EDUC 003
- EDUC 4–NASC 192/192L — Peer Mentor Program
- Upper Division EDUC Courses — CBEST/CSET Testing*2
- Classroom Fieldwork Scholarships*2
- Teacher Apprentice Program
- Teaching Credential Program**1 (30 hours of field work required for some programs)

Scholarships (Exam and Professional Reimbursements)
- Tier III Scholarships (up to $4,000)
- Tier II Scholarships (up to $5,000)
- Tier I Scholarships (up to $8,000)

*SMI Financial Resources–more details on **https://smi.ucr.edu**
**Refer to specific teacher credential programs' admissions criteria for more details.
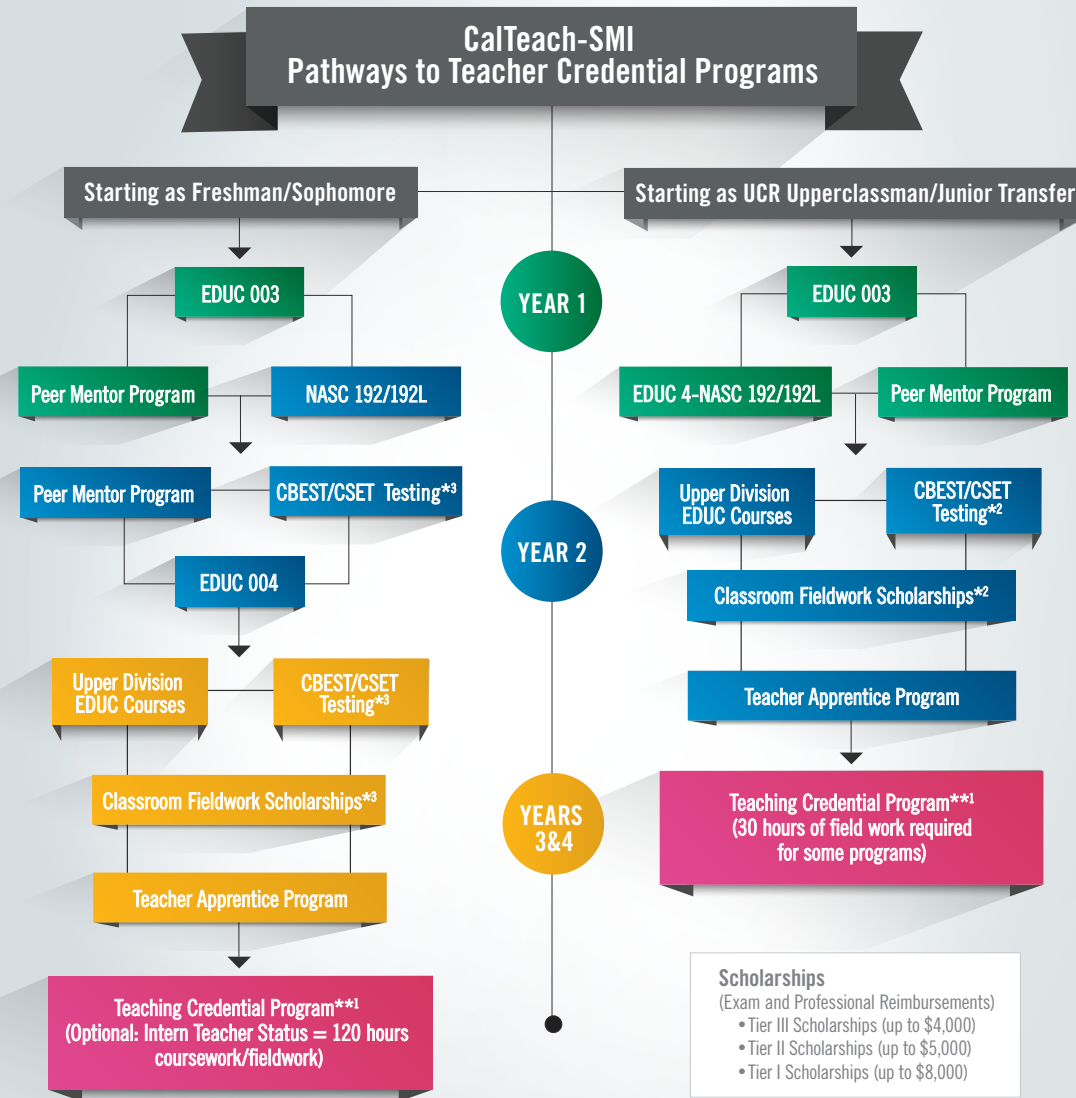
What is California Teach-Science & Mathematics Initiative (CalTeach-SMI)?

CalTeach-SMI is a University of California (UC) systemwide program resulting from a compact with the Governor of California to address the critical need for Science, Technology, Engineering, and Mathematics (STEM) undergraduate teacher preparation. CalTeach-SMI is designed to identify and recruit highly STEM undergraduate majors to explore and prepare to become STEM middle and high school (secondary level) educators.

What does CalTeach-SMI offer?

■ **Peer Mentor Program:** Connect with undergraduate STEM peers who are actively involved in CalTeach-SMI to help achieve the quarterly/annual goals you've set through professional advising. Peer Mentors have begun to complete early field work and State teaching examinations. They are on the path to becoming future STEM teachers.

■ **Early Field Work:** EDUC 3 and 4 are undergraduate courses designed for CalTeach-SMI students. These college credit courses are taught by STEM master teachers who will introduce early pedagogy that support mathematical and science teaching practices. Students will also be assigned to complete field work in local STEM middle/high school classrooms.

■ **Professional Advising:** Set quarterly/annual professional teaching goals to become an emerging leader in the local school communities and to become eligible for admission application to California teaching credential programs.

■ **Financial Opportunities:** Multiple financial resources are offered to fray the cost associated with building a professional teaching profile, including reimbursement for teaching exam fees, travel costs, and scholarships to cover partial tuition fees.

■ **STEM-Education Degree Programs:** Select a STEM major that has an education emphasis. Consult with a STEM academic advisor to declare a STEM-Ed major.

What CalTeach-SMI Alumni have to say...

"SMI and [its] apprenticeship programs have helped me tremendously in getting a head start on teaching. In addition to improving my pedagogy, I was able to network extensively in local districts, observe settings/scenarios not explored in my Masters in Education program, and develop my teaching philosophy. My friends and I who were in SMI (and ultimately in our own classrooms) were visibly and significantly less stressed than most of our peers whose first exposure to education was in the credential program."

— *Kyle Ricio ('14, biology)*

"Since my first year at UCR, [SMI] advised me to take certain classes and to attend professional development events to build my classroom experience as a pre-service [teachers]. Workshops prepared me for teacher exams, and also given me life skills to use in the professional atmosphere. Through the SMI program, I had the opportunity to gain fieldwork experience in the classroom under the guidance of a mentor teacher. I developed and implemented lesson plans, practiced classroom management strategies and learn effective pedagogy skills. I would not be where I am today without the resources and opportunities of the SMI program."

— *Savannah Sprague ('18, mathematics)*

smi.ucr.edu

How to get started

■ Attend a CalTeach-SMI Information Advising Session. Register online by visiting **http://smi.ucr.edu**. Then click on "Getting Started."

■ Subscribe to SMI Listserv through **http://lists.ucr.edu/mailman/listinfo/cateach-smi**.

■ Like us on Facebook at **ScienceMathInitiativeAtUCR**