

NOW OFFERED IN SILICON VALLEY

# Master of Arts Degree in Education and Teaching Credential in Secondary Science



## ATTENTION FUTURE SCIENCE TEACHERS

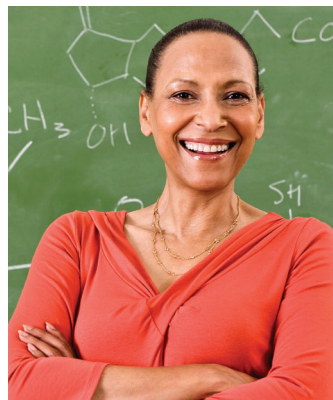
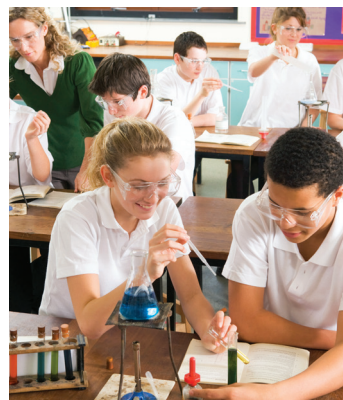
*Get the best possible start on your career by pursuing your preliminary credential and a **Master's degree**, simultaneously!*

California has a long-standing and growing need for K-12 teachers who can effectively educate the state's diverse student population, particularly in the sciences. UCSC's State-accredited teacher education program has a 40 year track record of successfully preparing future teachers for this demographic reality. Now, in addition to the program offered on the Santa Cruz campus, we're introducing a combined M.A. and teaching credential in Silicon Valley!

The program will prepare you for success as a teacher in a departmentalized setting where the teacher is generally responsible for one subject area, typically grades 6-12 (middle and high school). Students who successfully complete the program earn both a University of California Master of Arts degree in Education and a California Preliminary Single Subject Teaching Credential in Secondary Science. Best of all, this program takes just one calendar year.

This new offering has a start date of Summer 2014, with applications opening in October 2013. The majority of the program's 68 units of course work is offered at UCSC Extension's modern facility in Santa Clara. Student teaching placements will be in middle and high schools in the greater San José area. The program begins and ends with summer course work at UCSC's stunning Santa Cruz campus.

[ucsc-extension.edu/macsv](http://ucsc-extension.edu/macsv)



## The UCSC M.A./Credential Program prepares future teachers to:

- Recognize students' varying abilities, interests and perspectives as resources for learning and teaching
- Engage their K-12 students with challenging curriculum in meaningful ways
- Include innovative approaches to instructional practices, lesson design, and performance assessment
- Engage their K-12 students in the critical analysis of social issues aimed at building a just and democratic society



## Master of Arts in Education / Preliminary Teaching Credential in Secondary Science

### Program at a Glance

- Begins in the 2014-2015 academic year
- One calendar year / five quarter course of study
- Course offerings in both Santa Cruz and Silicon Valley
- Student teaching placements in greater San José area

### M.A./C Program Admissions Requirements

- 3.0 GPA or above
- Official Transcripts from all undergraduate and graduate work
- A college or university course or equivalent experience that addresses the cultural and linguistic diversity found in the U.S. today
- Documented field experience in a formal or informal educational setting with youth at the same age level which the candidate aspires to teach
- 3–5 Letters of Recommendation
- California Basic Skills Requirement
- Subject Matter Competency
- Statement of Purpose
- Personal History
- Academic Writing Sample
- Résumé
- Certificate of Clearance

See [ucsc-extension.edu/macs](http://ucsc-extension.edu/macs) for additional details.

### Capstone Requirements

Students will complete a capstone portfolio, which includes a teaching performance assessment and reflective papers. Prompts for these assignments may vary from year to year as they reflect the most current California state credentialing requirements.

### Program Requirements

**Total:** 68 units

### For Further Information

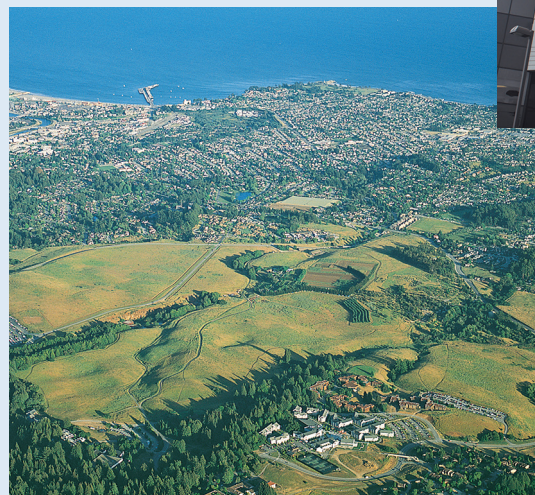
Please contact Jerome Shaw at [mac\\_sv@ucsc.edu](mailto:mac_sv@ucsc.edu), or visit [ucsc-extension.edu/macs](http://ucsc-extension.edu/macs) for details about the M.A./Credential program.

SILICON VALLEY SECONDARY SCIENCE COHORT					
QUARTER	SUMMER I July– September 2014	FALL September– December 2014	WINTER January– March 2015	SPRING April– June 2015	SUMMER II June– July 2015
SITE	Course work at UCSC in Santa Cruz	Course work at UCSC Extension Silicon Valley in Santa Clara			Course work at UCSC in Santa Cruz
UNITS	14	17	15	15	7
STUDENT TEACHING	Observation hours	16 hours/week	20–25 hours/week	20–25 hours/week	Not required

(SUBJECT TO CHANGE)

### Why Study In Silicon Valley?

Many new teachers find their first jobs in the same district where they do their student teaching. If you choose to pursue your M.A. and preliminary credential with our Silicon Valley cohort, you may gain experience and connections in districts that serve diverse populations and pay salaries that exceed the statewide average.



Left: Aerial view of the University of California Santa Cruz campus

Above: UCSC Extension Silicon Valley in Santa Clara

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## Master of Arts in Education and Teaching Credential (M.A./C) Program Information Nights

Are you interested in becoming a teacher? Join us for the UC Santa Cruz combined M.A in Education and Teaching Credential (M.A./C) Program Information Night for future teachers with a passion for fostering social justice in the K-12 public school system. Learn more about the 2014–2015 Master's/Credential Program and the application process.

Events are held annually during August and October at UCSC Extension in Santa Clara, and in October at the UCSC campus.

Visit our Web site for updates at [ucsc-extension.edu/macsv](http://ucsc-extension.edu/macsv)

### Required Courses

#### Child and Adolescent Development for Educators

This course addresses theories of child and adolescent development and how these theories apply to student success in school. It covers cognitive, social, emotional, and physical development, and how teachers incorporate this knowledge when making decisions about instruction and interacting with students.

EDUC 213

#### Health, Safety, and Community

This course addresses how teachers are prepared for creating a supportive, healthy environment for student learning. It covers topics related to physical, emotional, and social health.

EDUC 210

#### Methods of English Language Development

This course helps future educators develop a practical theory for teaching English in the elementary and secondary schools to students who speak other languages. Topics include current trends in the field, language assessment and the design of instructional units.

EDUC 204

#### Portfolio Development

This course provides students and faculty advisers with time to confer over the completion of the required portfolio.

EDUC 208

#### Reading Across the Curriculum in Middle School and Secondary

This course provides a theoretical and practical foundation for teaching reading within content area instruction in middle school and secondary classrooms. Field experiences and interactive instruction will facilitate learning about strategies, curricula, methods, materials, and observation. It is intended for students pursuing a single subject credential.

EDUC 225

#### Science Education: Research and Practice

This course examines theoretical approaches to the learning and teaching of science, including the nature of scientific knowledge, theories of how children learn science, approaches to scientific discourse and perspectives on addressing diversity in science classrooms. The course is required for the single subject science credential.

EDUC 230

#### Social Foundations of Education

This course is a sustained inquiry into the social, political, economic, and historical foundations of schools, with an emphasis on community attitudes toward education. Student narratives of engagement and resistance will provide a basis for insights and interventions useful to educators.

EDUC 207

#### Teaching, Learning, and Schooling in a Diverse Society

This course presents three basic units: first, teaching/learning, which includes such topics as development, learning, pedagogy, and socialization theories; second, schooling, in the context of teaching/learning both in its existent structures and its reform movements; and third, the sociocultural context in which educational institutions exist, including topics such as cultural and historical forces, political and economic condition, family, and community structures.

EDUC 206

#### Teaching Science in the Secondary Classroom

This course examines constructivist and sociocultural approaches to teaching science in secondary classrooms. It provides a critical overview of curricula, instructional theories, and multiple approaches to teaching the "big ideas" in science. Students are billed a materials fee.

EDUC 231

#### Topics in Elementary Education: Teaching Special Populations

This course addresses how teachers are prepared for meeting the needs of special populations within the general education setting. It covers basic knowledge, skills, and strategies.

EDUC 211

#### Beginning Student Teaching

This course introduces students to the diverse cultural and linguistic settings of today's classrooms. Classroom practices, instructional strategies, and analysis are emphasized. It is the first course in the student teaching placement series. Placements are used to examine and apply teaching methods while developing classroom management skills. Class meetings include discussion and demonstration of teaching methods.

EDUC 200

#### Intermediate Student Teaching

This course provides a coherent, integrated, pre-professional experience in public school classrooms. Students assume part-time student teaching responsibilities totaling 14–16 hours per week under the direct supervision of an exemplary classroom teacher. Weekly seminars and ongoing supervision by department staff are required.

*Prerequisite(s): Course 200.*

EDUC 201

#### Intermediate Student Teaching: Single Subject

This course provides advanced pre-professional experience for single subject teaching candidates who progressively assume full-time responsibility for public school student teaching, beginning in winter quarter. It is taken concurrently with Course 201. Weekly supervision and seminars with teacher supervisors are required.

*Prerequisite(s): Course 200.*

EDUC 201A

#### Advanced Student Teaching

This course is designed for students who have extensive field and course experience in education and wish to qualify for the single-subject or multiple-subject teaching credential by undertaking a quarter of full-time, supervised student teaching.

*Prerequisite(s): Course 201.*

EDUC 202A / 202B / 202C

#### COURSES SUBJECT TO CHANGE

Visit our Web site frequently for updates at [ucsc-extension.edu/macsv](http://ucsc-extension.edu/macsv)

### What type of Master's Degree will I earn?

Candidates who complete the M.A./Credential Program will earn a Master of Arts in Education.

### What is the timeline for completing the program?

UCSC's M.A./Credential program is a full calendar year (12 months). Candidates begin the program mid-July 2014 with a six-week summer session. Following the academic year, students complete a final 4-week summer session and exit the program in mid-July 2015. Candidates complete three standard academic quarters of ten weeks each (fall, winter, and spring) and two shorter summer quarters.

The program has two main components: master's level courses and student teaching placements. In their master's courses, candidates develop a theoretical and research-based perspective on important educational issues while gaining practical knowledge in their methods courses and student teaching placements. Master's course work and student teaching placements run concurrently during the majority of the program. Student teaching placements begin and end according to the local school districts' academic calendars.

### What is a cohort?

Cohorts provide a collaborative learning environment for our candidates. A cohort is a small group (16–20) of students working towards the same credential. Each Single Subject group is a cohort, while the Multiple Subject candidates are generally divided into two cohorts.

### Who are teacher supervisors?

Teacher supervisors are exemplary seasoned classroom teachers who lead credential cohorts in bi-weekly student teaching seminars. They also perform direct observation and evaluation of candidates in their student teaching placement. Teacher supervisors provide mentorship and the perspective of extensive classroom experience to their students.



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### What are student teaching placements like?

All candidates in the teacher preparation programs participate in two student teaching placements. In August, students receive their first placement. They begin with initial observations of the class to become familiar with the students, classroom routines and procedures, and the teaching style of their cooperating teacher. Student teachers assume increasing levels of responsibility within their placement—teaching small groups, parts of lessons and full lessons. The second placement begins in November. During this second placement, candidates assume more responsibility for instruction. This placement culminates with solo teaching. Student teachers effectively assume responsibility for instruction for a number of weeks.

### Do people work during this program?

If candidates must work, we recommend working no more than six to ten hours per week while enrolled in our program. The intensity of candidates' schedules in a one-year program—with course work and school placements—cannot be overemphasized.

### Can I earn a stand-alone Credential or Master's degree?

No. UCSC only offers the combined M.A./Credential track.

### What is the cost of attendance?

The Silicon Valley M.A./C program offers the best combination of affordability and time to completion of any comparable M.A. in Education in the Bay Area. Total tuition and fees for California residents will be approximately \$27,000 and may vary from one cohort to the next. Please note that fees, tuition and other charges are subject to change by the UC Board of Regents of the University of California without advance notice.

## Application Questions

### What is the timeline for the application process?

Applications will be accepted online for the 2014–2015 M.A./C Program from October 1, 2013–January 15, 2014.

### When are applicants notified if they were accepted to the program?

The M.A./Credential Admissions Committee notifies applicants of their decision in mid to late March and accepted candidates must submit their "Statement of Intent to Register" to the University by April 15, 2014. Admitted students matriculate in July 2014.

### Where can I find the online application?

UCSC's Graduate Division hosts the Education M.A./Credential application online at <http://graddiv.ucsc.edu/>. Select "Prospective Students."

### How do I obtain a Certificate of Clearance?

Obtaining a Certificate of Clearance takes several steps. Please follow the detailed instructions provided by the California Commission on Teacher Credentialing (CTC) at <http://www.ctc.ca.gov/credentials/leaflets/cl900.pdf>

### What tests are required?

All admitted candidates of the M.A./Credential Program are required to provide evidence of passing the California Basic Educational Skills Test™ (CBEST®) and the California Subject Examinations for Teachers® (CSET®) prior to entering the M.A./Credential Program. The deadline to submit evidence of passing scores is June 10, 2014.

### What are the CBEST and CSET?

Both the California Basic Educational Skills Test (CBEST) and the California Subject Exams for Teachers (CSET) are state standardized tests that satisfy state requirements for application for a teaching credential in California. Everyone takes the same CBEST; candidates for the M.A./Credential in Science will take the CSET in Science. The CBEST is generally a much easier test of basic skills and is good for life. CSET scores are valid for five years.

### How do I submit transcripts and other documents?

The University's online application process for Graduate candidates is designed so that most required items can be uploaded and submitted electronically. This includes unofficial transcripts, Certificates of Clearance, CBEST scores and CSET scores. Please use the online submission features whenever possible and do not send paper copies of material that has been submitted online.

If you are admitted and choose to attend, you will be required to provide us with official, hard copies of your transcripts.

The only materials we accept hard copies of are transcripts sent by your school or via a private letter service.

### What financial aid is available?

Financial aid inquiries should be directed to the Office of Financial Aid. See the Financial Aid Web site for more information at [financialaid.ucsc.edu/index.html](http://financialaid.ucsc.edu/index.html). Students needing financial aid during the program must submit two (2) Free Applications for Federal Student Aid (FAFSA): a 2013–14 FAFSA for the first summer quarter; and a 2014–2015 FAFSA for Fall 2014 through Summer of 2015. Both FAFSA's should be filed online by March 2, 2014 to ensure timely processing of financial aid.

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