

# Master of Education (M.Ed.) Preliminary Single Subject Credential Program



Department of Education Studies  
University of California, San Diego  
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EDS Walk-In Advising Hours: Monday and Wednesday, 9:00 AM – 3:00 PM    3<sup>rd</sup> Floor Pepper Canyon Hall

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The Department of Education Studies (EDS) at UC San Diego offers a Master of Education Degree and Credential Program for those seeking a California Preliminary Single Subject Credential in Mathematics, Biology, Physics, Chemistry, Geoscience, English, or World Languages (ASL, Filipino, French, Mandarin, and Spanish) for secondary teachers. All EDS-recommended credentials provide preparation for teaching English language learners in a regular classroom setting. *Prospective students majoring in a subject outside of the desired credential content area should discuss their academic history with an EDS advisor prior to declaring the minor.*

The M.Ed./Credential program has four distinguishing features:

- Focus on equitable education practices
- Emphasis on the application of information technology and research-based practice
- Preparation of teachers to be reflective practitioners
- Preparation of new teachers to understand the process and standards associated with the National Board of Professional Teaching Standards Certification

## **M.Ed. /Preliminary Single Subject Credential in Mathematics, Science, English, and World Languages**

The M.Ed./Preliminary Single Subject Credential Program consists of Educational Foundation courses, Professional Preparation courses, and the preparation of a Teaching Performance Assessment Portfolio. Upon completion of the Educational Foundation courses, students will be evaluated to determine their preparedness for continuation into the Professional Preparation Program.

This is a 23-month program that starts in the fall and ends two summers later in mid-July. Students complete the twelve Educational Foundation courses in the first academic year and the Professional Preparation coursework in the remaining 13 months (mid-June through mid-July).

Students who have completed the Educational Foundation courses as UC San Diego undergraduates should apply to the 13-month graduate Professional Preparation Program.

### **For More Information:**

Current Students: [vac.ucsd.edu](http://vac.ucsd.edu)  
[edsinfo@ucsd.edu](mailto:edsinfo@ucsd.edu) or (858) 534-1680

Application Available: September

Deadline to Apply: February 15, 2018 (*Subject to change, confirm with EDS*)

<http://eds.ucsd.edu/graduate/>

Applicants interested in Financial Aid should file a FAFSA as soon as possible, preferably by March 1, and visit Graduate Student Financial Services at <http://grad.ucsd.edu>

#### **Affirmative Action Policy**

In accordance with applicable state and federal laws and university policy, the University of California does not discriminate in any of its policies, procedures, or practices on the basis of race, color, national origin, religion, gender, sexual orientation, handicap, age, veteran status, medical condition (as defined in Section 12926 of the California Government Code), ancestry, or marital status; nor does the university discriminate on the basis of citizenship, within the limits imposed by law or university policy. In conformance with applicable law and university policy, the University of California is an affirmative action/equal opportunity employer. Inquiries regarding the university's equal opportunity policies may be directed to the University of California, San Diego Affirmative Action Coordinator at (858) 534-3871.

# M.Ed./Credential Single Subject Admission Requirements (SS1 or SS2)

Please be sure to keep copies of everything that you submit to EDS and refer to the website for more details

<http://eds.ucsd.edu/graduate/>

## 1. **Bachelor's Degree from an Accredited Institution:**

Any major of study equivalent or comparable to one offered in the UC System. A 3.0 cumulative GPA is required from the school awarding the degree. UC San Diego offers a Single Subject Credential Program in **Mathematics, Science, English, and World Languages (ASL, Filipino, French, Mandarin, and Spanish)**.

## 2. **Three Letters of Recommendation:** One letter must be from a 129B or C placement cooperating teacher (SS-2 only).

## 3. **Statement of Purpose:**

This should be a one-three page, single-spaced, typed essay focusing on the following three areas:

- A) Your reasons for choosing education as a career and for applying to Education Studies at UC San Diego.
- B) Your detailed experience working with students from various cultural backgrounds in the public schools and any related experience that you feel is appropriate (attach a general resume as well).
- C) Your community service experiences, especially those in culturally diverse settings.

## 4. **Graduate Record Examination (GRE General Test):** The UC San Diego Institution Code is 4836. [www.ets.org/gre](http://www.ets.org/gre)

EDS performs a holistic review process in admissions decisions in which your entire profile will be looked at as a whole rather than pieces.

## 5. **Subject Matter Competence Requirement:**

This requirement is fulfilled by providing evidence of satisfactory completion of the California Subject Examination for Teachers (CSET) or a CTC-approved Subject Matter Preparation Program (SMPP). UC San Diego Math majors may qualify for the SMPP waiver – please contact an advisor for more information. You must pass all required subtests for the subject area or target language you wish to teach: English (105, 1061, 107, 108), Biology/Life Science (118, 119, 120), Chemistry (118, 119, 121), Earth/Planetary Science (118, 119, 122), Physics (118, 119, 123). Official Score Report required. [www.ctcexams.nesinc.com/tests.asp](http://www.ctcexams.nesinc.com/tests.asp)

## 6. **Basic Skills Requirement:**

A passing score on the CA Basic Educational Skills Test (CBEST) in all 3 sections (Reading, Mathematics and Writing) OR another option as specified on the CTC website ([goo.gl/Ni8kH](http://goo.gl/Ni8kH)). Official Score Report required. [www.ctcexams.nesinc.com/about\\_CBEST.asp](http://www.ctcexams.nesinc.com/about_CBEST.asp)

## 7. **U.S. Constitution requirement:**

You may choose one of the following options to fulfill this requirement:

- A) A score of 3 or better on the AP U.S. History or AP U.S. Government and Politics exam. Official Score Report required.
- B) Completion of a course covering the principles of the U.S. Constitution. Approved UC San Diego courses: [goo.gl/aellxc](http://goo.gl/aellxc)
- C) Passage of an appropriate university-level exam. (e.g. [UC San Diego Extension](#) or [Notre Dame de Namur University](#)).
- D) Completion of a B.A./B.S. Degree from a California State University (CSU), which automatically fulfills this requirement.

## 8. **Sensitivity to Second Language:**

This requirement is satisfied by demonstrating, through coursework or an equivalent experience, an informed sensitivity to the challenges of second language learning and acquisition. You may choose one of the following options to fulfill this requirement:

- A) Completion of 9-quarter/6-semester units of college coursework in a single language that is not your native language.
- B) Completion of 3 years of secondary school coursework in a language other than English. The coursework must be taken in grades 7 through 12, with at least a B average.
- C) Demonstration of an equivalent experience in a second language situation. Applicants who wish to satisfy this requirement must write an essay (1-3 pages, single-spaced), listing specific examples of how your experience has sensitized you to the issues surrounding second-language acquisition, using one of the three options listed below.
  - i. You have lived for a prolonged period of time in a country where the language spoken was not native to you, and where you were continuously required to speak that second language (e.g. Peace Corps).
  - ii. You have had an extended experience immersed in a multilingual community in your native country.
  - iii. You were raised in a multicultural community.

## 9. **Copy of a Negative TB Test:** If admitted, you must submit a negative TB test (taken within 60 days) at Orientation.

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### Bilingual Authorization Program (BLA)

**Spanish:** A Bilingual Authorization Program (BLA) in Spanish is available for students who can teach in Spanish and English. Candidates interested in being recommended for the BLA in Spanish must demonstrate:

1. Methodological Competence: EDS 125 (4 units) and EDS 352 A/B (2 units each).
2. Cultural Competence: Program (History & Culture with BLA-required EDS courses) OR CSET: LOTE Subtest V in the culture of emphasis.
3. Language Competence: Program Assessment OR CSET: LOTE Subtest III.
4. A desire to teach in a bilingual setting.

**Asian and Middle Eastern Languages:** We also offer a BLA program in Asian & Middle Eastern Languages: Arabic, Cantonese, Japanese, Korean, Mandarin, Filipino, Vietnamese. Candidates interested in being recommended for the BLA in Asian & Middle Eastern Languages must demonstrate:

1. Methodological Competence: EDS 125 (4 units) and EDS 352 A/B (2 units each).
2. Cultural Competence: Program (History & Culture with BLA-required EDS courses), OR CSET: LOTE Subtest V in the culture of emphasis.
3. Language Competence: CSET: LOTE for each language as follows:
  - Arabic and Filipino: Subtest II.
  - Cantonese, Japanese, Korean, Mandarin, or Vietnamese: Subtest III.
4. A desire to teach in a bilingual setting.

## EDS Minor: Option 3- Single Subject Educational Foundations [Year 1] MO65

UC San Diego students planning to apply to the EDS graduate M.Ed./Preliminary Single Subject Credential Program must complete all requirements listed below. (Note: Admission to EDS graduate program is not guaranteed for EDS minors).

- Course overlaps with majors: Unlimited lower-division courses; maximum of two upper-division courses. Please submit requests to: [vac.ucsd.edu](http://vac.ucsd.edu)
- All Foundations courses used towards the graduate program (with the exception of EDS 139 and EDS 190) must be taken for a letter grade.
- A minimum 3.0 GPA for all Educational Foundations coursework is required for advancement to the Professional Preparation coursework.
- Students interested in the graduate program who have not completed the minor must apply to the SS1 – Single Subject Foundations program.

### Complete ALL of the Courses from this Category

Category A: Introduction to Teaching and Learning			
Course Number	Course Topic	Notes:	
EDS 129A + EDS 139*	Introduction to Teaching and Learning (Secondary)	Equivalents: 136, 137, or 138	The 129 series must be taken sequentially during your final undergraduate year.
EDS 129B + EDS 139*	Introduction to Teaching and Learning (Secondary)	Prerequisite: EDS 129A (or equivalent)	
EDS 129C + EDS 139* + EDS 190**	Introduction to Teaching and Learning (Secondary)	Prerequisite: EDS 129B	

*\*EDS 139 (Practicum in Teaching Learning – 2 units) is a co-requisite course required for all Category A courses*

*\*\* EDS 190 (2 units) is an optional course you may choose to enroll into to account for the increase in duties and responsibilities of 129C*

### Complete a Minimum of 1 Course from each of the following three Categories

B: Learning Environments		
Course Number	Course Topic	Notes:
EDS 111	Child, Family and Community Partnerships with Schools	
EDS 114	Cognitive Development & Interactive Computing Environments	
EDS 115 or 115GS	Cognitive Development and Education	
EDS 118	Adolescent Development and Education	Recommended for credential candidates
EDS/LING 119	First & Second Language Learning: Childhood to Adolescence	Recommended for credential candidates
EDS/MATH 121A	Foundations of Teaching and Learning Math	
EDS 122/ CHEM 187	Teaching and Learning Science	
COGS 154	Communication Disorders in Children and Adults	
COMM 102D/ HDP 135	Practicum in Child Development (6.00 units)	
HDP 1	Introduction to Human Development	
PSYCH 101	Introduction to Developmental Psychology	

C: Language and Culture		
Course Number	Course Topic	Notes:
EDS/SOCI 117 or 117GS	Language, Culture & Education	Recommended for credential candidates
EDS 125***	History, Politics & Theory of Bilingual Education	Required for BLA Candidates
ANSC 122	Language in Society	
ANSC 163	Culture and Communication in Education	
COMM 168	Bilingual Communication	BLA Candidates can substitute for EDS 125

*\*\*\*EDS 125 can only be used towards one category – either C or D*

D: School and Society		
Course Number	Course Topic	Notes:
EDS 112	U.S. Urban Education	
EDS 125***	History, Politics & Theory of Bilingual Education	Required for BLA Candidates
EDS/SOCI 126	Social Organization of Education	Recommended for credential candidates
EDS 113	Chicanas/os & Latinos in Education	
EDS 30/ MATH 95 + EDS 39	Introduction to Teaching Math + Practicum	EDS 39 and EDS 30/Math 95 are 2 units each, so both are required to fulfill this category
EDS 31/ CHEM 96 + EDS 39	Introduction to Teaching Science + Practicum	EDS 39 and EDS 31/CHEM 96 are 2 units each, so both are required to fulfill this category
ANSC 162	Language, Identity, and Community	
ETHN 144	Bilingual Communities in the USA	
ECON 147	Economics of Education	

### Sample Schedule for Single Subject (Academic-year) Educational Foundations

*Course schedule is subject to change – Please check with EDS for updates*

Fall	Winter	Spring
EDS 129A (4) / EDS 139 (2)	EDS 129B (4) / EDS 139 (2)	EDS 129C (4) / EDS 139 (2) / EDS 190 (2) - Optional
EDS 125 (4)	EDS 119 (4)	EDS 117 (4)

## EDS Minor: Option 4 - Math Education Minor/Foundation Coursework [YEAR 1] EDS Minor: Option 5 - Science Education Minor/Foundation Coursework [YEAR 1]

UC San Diego's Science and Mathematics Education Program is part of California Teach (Cal Teach), a UC-wide initiative designed to address the critical shortage of K-12 mathematics and science teachers. By increasing the number of highly prepared teachers in California classrooms, the program will cultivate skilled workers for California's growing high-tech and bio-tech industries, as well as citizens capable of making sound decisions about the many math and science-based issues they will face in their daily lives.

Unlike traditional programs in which courses about teaching and learning are "tacked on" to a major in science, mathematics or engineering, UC San Diego's unique program is integrated from the beginning. Scientists and mathematicians with an authentic interest in K-12 education partnered with faculty to develop the innovative program. The result is an intellectually stimulating course of study that bridges disciplines to investigate how people learn mathematics and science.

The Mathematics and Science Education Minors provide the coursework and hands-on experience in local schools to prepare you to become a student teacher or intern when you enroll in the M.Ed. Single Subject Credential program after you complete your bachelor's degree. *By completing the minor you can receive your B.A./B.S., preliminary teaching credential, and master's degree in five years.*

Math, science and engineering majors may sign up for either minor if they have the appropriate prerequisites (Calculus 10 or 20 sequence) for the upper division courses. (Note: Mathematics Secondary Education Majors cannot declare the Mathematics Education Minor. Chemical Education Majors and General Physics/Secondary Education Majors cannot declare the Science Education Minor).

Both Minors are 34 units and will fulfill the Foundations coursework requirement for the M.Ed. Credential Program.

All coursework, with the exception of EDS 139 and EDS 190, must be taken for a letter grade to fulfill the Foundations coursework requirement.

<b>Math Education Minor (MO66)</b>		
Course Number	Course Topic (units)	Notes
MATH 87	Teaching Math – The Challenge (1 unit)	Optional
MATH 95/EDS 30	Introduction to Teaching Math – (2 units)	
EDS 39	Practicum in Math & Science Teaching/Learning (2 units)	Best if taken concurrently with MATH 95
MATH 121A	Foundations of Teaching & Learning Math I (4 units)	
MATH 121B	Foundations of Teaching & Learning Math II (4 units)	
EDS 117	Language, Culture, and Education (4 units)	
EDS 129A/B/C	Introduction to Teaching & Learning (4 units each)	
EDS 139	Practicum in Teaching and Learning (2 units <i>each</i> , 6 units <i>total</i> )	Required co-requisite for EDS 129A/B/C
<i>EDS 190</i>	<i>Research Practicum (2 units)</i>	<i>Optional co-requisite for EDS 129C</i>

<b>Science Education Minor (MO67)</b>		
Course Number	Course Topic (units)	Notes
CHEM 87	Teaching Science – The Challenge (1 unit)	Optional
CHEM 96/EDS 31	Introduction to Teaching Science (2 units)	
EDS 39	Practicum in Science & Math Teaching/Learning (2 units)	Best if taken concurrently with CHEM 96
CHEM 187	Teaching & Learning Science (4 units)	
CHEM 188	Capstone Seminar in Science (4 units)	
EDS 117	Language, Culture, and Education (4 units)	
EDS 129A/B/C	Introduction to Teaching & Learning (4 units each)	
EDS 139	Practicum in Teaching and Learning (2 units <i>each</i> , 6 units <i>total</i> )	Required co-requisite for EDS 129A/B/C
<i>EDS 190</i>	<i>Research Practicum (2 units)</i>	<i>Optional co-requisite for EDS 129C</i>

### Sample Schedules (Course Schedule tentative and subject to change)

*Math Education Minor Sample Schedule*

*Science Education Minor Sample Schedule*

<b>Math Education Minor Sample Schedule</b>			<b>Science Education Minor Sample Schedule</b>			
Fall	Winter	Spring		Fall	Winter	Spring
MATH 87 (Opt.)			<b>First-Year</b>	CHEM 87 (Opt.)		
	MATH 95/EDS 30 + EDS 39		<b>Sophomore</b>		CHEM 96/EDS 31 + EDS 39	
EDS 117	MATH 121A	MATH 121B	<b>Junior</b>	EDS 117	CHEM 187	CHEM 188
EDS 129A + EDS 139	EDS 129B + EDS 139	EDS 129C + EDS 139 + <i>EDS 190 (Optional)</i>	<b>Senior</b>	EDS 129A + EDS 139	EDS 129B + EDS 139	EDS 129C + EDS 139 + <i>EDS 190 (Optional)</i>

# M.Ed./Preliminary Single Subject Credential Professional Preparation [Year 2]

## Advancement to Master's/Preliminary Single Subject Credential Professional Coursework:

Advancement to M.Ed./Credential professional coursework will be evaluated based on the criteria listed below. Each prospective candidate is carefully reviewed for advancement and student teaching or internship placement by the EDS faculty and school personnel. The EDS Admissions Committee will make final advancement/internship decisions based on the applicant's academic performance, references, and portfolio of work. *Continuation into the professional year is not automatic.*

The Committee evaluates each applicant on the basis of the following criteria:

- Progress toward completion of all credential requirements
- A strong interest in multicultural approaches to education; a strong desire to improve the quality of self-activated learners
- Experience working with children in educational environments, especially in multicultural setting
- Notable achievements demonstrating community service and leadership potential in teaching and in the field of education
- Academic excellence in undergraduate/graduate studies and Educational Foundations coursework
- Applicant's statement describing goals in seeking the M.Ed. degree
- Portfolio of work

## Final Selection for the Professional Preparation Course of Study

Those admitted to the M.Ed./Preliminary Single Subject Credential Program are eligible to be interviewed in June - August for a paid internship for the school year in a local middle or high school. Interns are responsible for teaching Biology, Chemistry, English, Geosciences, Mathematics, Physics, or World Language courses under the guidance of an EDS supervisor and an on-site adviser. Interns are generally hired for part-time teaching loads and receive a salary from the school district commensurate with the number of courses they teach. Availability of an internship position is NOT guaranteed, though EDS attempts to facilitate internship positions for all Single Subject students. Students who do not receive an internship position will complete the clinical practice as a student teacher.

## Course of Study

Once students are selected for advancement they begin an intensive program of professional preparation. The coursework includes a full-time summer program of teaching methods courses and a student teaching or internship field-experience course offered in the evening throughout the academic year. Courses address classroom management, theories of teaching and learning, educating special-needs students, and advanced teaching practices.

The Professional Preparation Program for the M.Ed./Preliminary Single Subject Credential consists of the following courses, which, with the exception of the Student Teaching courses (EDS 379A/B/C), must be taken for a letter grade:

- EDS 201 (4 units)** – Introduction to Resources for Teaching and Learning
- EDS 203 (4 units)** – Technology, Teaching and Learning
- EDS 204 (4 units)** – Technology and Professional Assessment
- EDS 205 A-B (2-2 units)** – Reflective Teaching Practice
- EDS 206 (4 units)** – Teaching Performance Assessment Portfolio
- EDS 250 (4 units)** – Equitable Educational Research and Practice
- EDS 351 (4 units)** – Teaching the English Language Learner
- EDS 352 A-B\*\* (2-2 units)** – Bilingual Instructional Practices – *(Required for BLA Candidates)*
- EDS 372\* (4 units)** – World Language Teaching Practices
  - or **EDS 373\* (4 units)** – Secondary English Teaching Practices
  - or **EDS 374\* (4 units)** – Secondary Mathematics Teaching Practices
  - or **EDS 375\* (4 units)** – Secondary Science Teaching Practices
- EDS 376 (4 units)** – Language and Learning Instruction
- EDS 379 A-B-C (8-8-8 units)** - Single Subject (Secondary) Internship Practicum
- EDS 381 (4 units)** – Health Education
- EDS 382 (4 units)** – Inclusive Educational Practices

\* Students only take one: EDS 372, EDS 373, EDS 374, or EDS 375 (This course is subject-specific)

## Professional Preparation Course of Study for the M.Ed./Single Subject Credential Program

*(Course schedule is subject to change)*

Summer	Fall	Winter	Spring	Summer
EDS 372/373/374/375* (4)	EDS 379A (8)	EDS 379B (8)	EDS 379C (8)	EDS 204 (4)
EDS 376 (4)	EDS 351 (4)	EDS 381 (4)	EDS 382 (4)	EDS 206 (4)
EDS 201 (4)		EDS 205A (2)	EDS 205B (2)	
EDS 203 (4)				
EDS 250 (4)				
<b>BLA Candidates must also take (please see page 2 for more info in the Bilingual Authorization Program):</b>				
	EDS 352A (2)	EDS 352B (2)		