



CALIFORNIA STATE UNIVERSITY  
SAN BERNARDINO

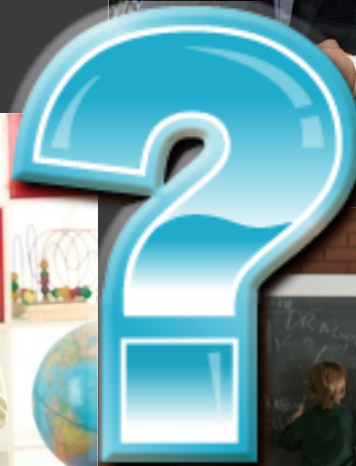
M.A. IN STEM EDUCATION

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College of Education

# Why a M.A. in STEM Education?

- ◎ Salary increase
- ◎ Experience
- ◎ Opportunities
- ◎ Knowledge



# Why CSUSB's College of Education?



- ◉ State accredited
- ◉ State-of-the-art building and facilities
  - ◉ Evening and online classes
  - ◉ Affordable tuition

# STEM Education

- STEM education is at the forefront of our national and regional agendas
- California is in need of more qualified mathematics and science teachers who can effectively implement Common Core State Standards for Mathematics and the Next Generation of Science Standards.
- The MA in STEM Education program at CSUSB is for students who wish to advance their professional knowledge and skills in STEM Education.

# MA in STEM Education

- With an advanced degree in STEM education, you will be able to take leadership roles in your school and district in curriculum development, teacher professional development and various programs that aim to enhance students' STEM education.
- The MA in STEM education will give you advantages for seeking/advancing a position in either formal or informal educational settings.

# MA in STEM Education

With an emphasis on interdisciplinary perspectives, the goal of the program is to:

- prepare STEM educators and leaders who will be able to prepare all students to become active and informed citizens in an ever more technological and complex world; build the educational foundation for future STEM-related careers through engaging them in authentic inquiry, real world problem-solving, critical and creative thinking, productive collaboration and effective communication.

<https://coe.csusb.edu/stem-education-program>

# MA STEM Education

- Program courses update continuously to reflect classroom and teachers' needs;
- Highly qualified STEM education faculty;
- Teaching K-12 science and mathematics (CA-CCSSM and CA-NGSS);
- Integrated STEM curriculum and pedagogy;
- Research and assessment in STEM education;
- Incorporating engineering and emerging technology (such as robotics and virtual reality), integrating engineering and technology into the K-12 mathematics and science curriculum;
- Attending to equity issues in K-12 STEM Education;
- Hands-on experiences, collaborations and reflective practices, immediately apply to classroom

# Program courses include:

- ⦿ 12 credit hours are taken from your credential program
- ⦿ 18 credit hours (6 courses) to finish the MA in STEM Education program.
- ⦿ Foundations of STEM education
- ⦿ Technology and Engineering in STEM Education
- ⦿ Advanced teaching methods in STEM education
- ⦿ Research Methods in STEM Education
- ⦿ Assessment in STEM Education
- ⦿ Culminating Course (Thesis/Project Option or Comprehensive Exam Option for the culminating experience)



# MA in STEM Education

- Hybrid program: All courses are offered in the evenings or online
- Students can go to San Bernardino campus or Palm Desert Campus (video conferencing)
- Flexible program plans to meet individuals' needs (can take 1 to 3 courses per semester, so you can complete the program in as short as two semesters. It also can be done concurrently with credential program— need consultation with both program coordinators.)
- Support students' research and conference presentations
- Low tuition fees (~\$8850 a year if completed in 2 semesters)
- Course substitutions available (consultation with program coordinator)
- Scholarship opportunities up to \$3500 a year

# Admission

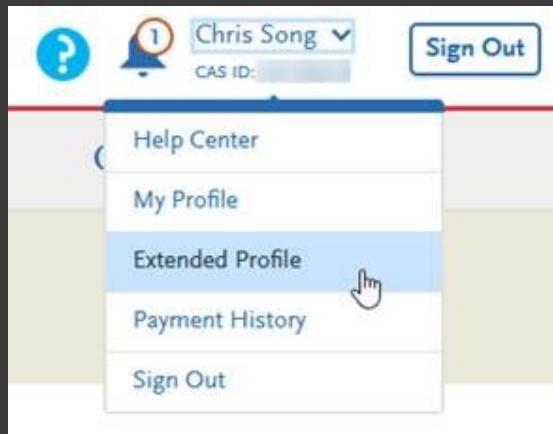
## University Admission

<https://www.csusb.edu/graduate-studies/prospective-students/how-apply>

- ⦿ Have completed a four-year college degree program at an accredited institution with a 3.0 or above GPA for the last 60 semester or 90 quarter units. Students with 2.5 to 3.0 GPA may be admitted conditionally.
- ⦿ Complete the online application at Cal State Apply
- ⦿ Submit an application fee of \$70.00 (application fee will be reimbursed after admission for Spring 2022 and Fall 2022 admissions)

# CAL STATE APPLY:

www2.calstate.edu/apply



## Extended Profile

Please provide some additional information in order to set up your application.

The information below will be provided to the admissions offices at the programs to which you apply. Please provide complete and accurate information.

\* Indicates required field

### 1. Degree Goal

\* What degree, credential or certificate are you applying for?

- First Bachelor's Degree (Seeking your first bachelor's degree and have not earned a prior bachelor's degree)
- Second Bachelor's Degree and Beyond (e.g. Master's, Teaching Credential, Certificate, Doctoral)

\* Please select one or more of the following degree goals.

- Second Bachelor's Degree (already earned a bachelor's degree and are seeking another one)
- Graduate (e.g. Master's, Doctoral) or Professional's Degree
- Teaching and Service Credential Only (e.g. Single or Multiple Subject, Special Education, PPS, Librarian, Admin, CalStateTEACH)
- Certificate



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Spring

2022

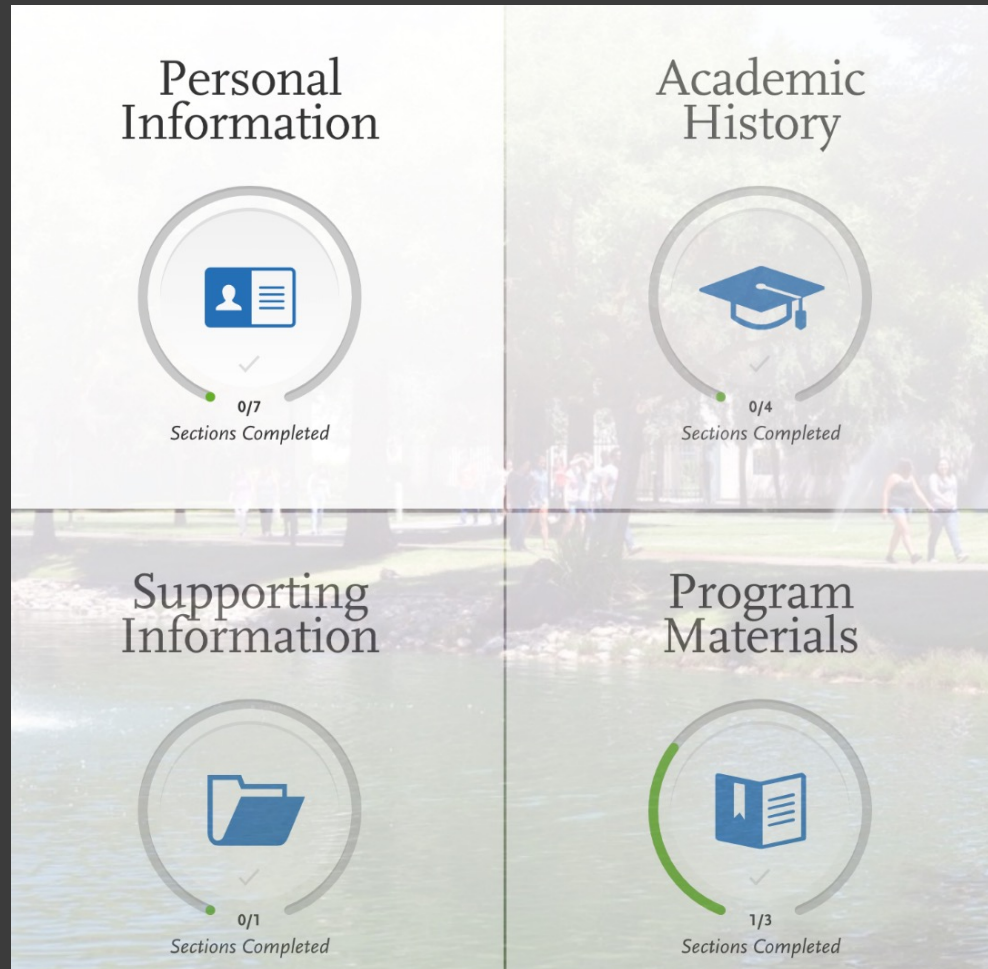
Main Campus

CSU San  
Bernardino

12/15/2021

# CAL STATE APPLY:

[www2.calstate.edu/apply](http://www2.calstate.edu/apply)



# Program Materials (4<sup>th</sup> Quadrant)

## Required Documents:

### Teaching Credential (Relevant teaching experience)

A valid California Teaching or related teaching experience.

Relevant K-12 teaching experiences including but not limited to: public or private school teaching, substituting teaching, and teaching in informal settings. (If you are in or have finished a credential program, you are qualified for the teaching experience. You can upload a copy of your credential, or a statement for your teaching experience).

### Transcripts (Unofficial & Official)

Upload unofficial to Cal State Apply and submit official transcripts from each institution attended to Graduate Studies.

If admitted, you will be required to submit official transcript(s) to the Office of Graduate Studies by the first day of the semester. A registration hold will be placed on your enrollment for the subsequent semester, and your admission could be revoked if official transcripts are not received.

# Program Materials (4<sup>th</sup> Quadrant)

## Recommendations:

On CSU Apply there are three reference contacts.

Please put in people who are familiar with your work history or educational background.

(If you graduated from CSUSB teacher credential program or currently in the program, you don't need to have additional recommendations. Just put in the contacts for MA in STEM Education program faculty:

Xinying Yin. [xyin@csusb.edu](mailto:xyin@csusb.edu)

Halil Tasova. [Halil.tasova@csusb.edu](mailto:Halil.tasova@csusb.edu)

Joseph Jesunathadas [jjesunat@csusb.edu](mailto:jjesunat@csusb.edu)

Home	Questions	Documents	Recommendations
<h2>Recommendations</h2> <p>Three (3) letters of recommendation, one from the school where the candidate has most recently taught or is currently teaching, to be evaluated by faculty members in the program.</p> <p>Once you have saved an electronic recommendation, an email request will automatically be sent to the recommender on your behalf. Please advise your recommender to look for this email in their inbox, as well as their spam or junk-mail folder, as emails do occasionally get filtered out.</p>			
<b>Graduate Program</b>		<b>3 required - 3 total allowed</b>	
<a href="#">+ Request Graduate Program Recommendation</a>			

Home	Questions	Documents	Recommendations
<h2>Graduate Program Recommendation Request</h2> <p>Once you have saved the recommendation request, an email request will be sent to the recommender on your behalf. Please advise your recommender to look for this email in their inbox, as well as their spam or junk-mail folder, as emails do occasionally get filtered out. Please note: All references submitted within this section of your application are program specific. If you choose to remove a reference from your application, please understand your letters will be deleted along with the program.</p> <p>* Indicates required field</p>			
<b>Recommender's Information</b>			
* First Name	<input type="text"/>		
* Last Name	<input type="text"/>		
* Email Address	<input type="text"/>		
* Due Date	<input type="text" value="MM/DD/YYYY"/>		
* Personal Message/Notes	<input type="text"/>		

# Program Materials (4<sup>th</sup> Quadrant)

## Advising Form

Students need to attend an information meeting with the program coordinator and/or the admission advisor before submitting their application. An advising form will be emailed to you after the information session (or have registered for one) and needs to be submitted together with other application materials.

Please upload your advising form under “Other.”

**Other**

If you are an international student, you must complete, sign, and submit the FERPA Release Form (<https://www.csusb.edu/cisp/admissions>) to grant your parent, guardian, or another third party access to your CSU San Bernardino education records. Please upload the completed form to this slot.

# M.A. in STEM APPLICATION DEADLINE

<b>Applications</b>	<b>Spring 2022</b>
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**December 15, 2021**

<b>Applications</b>	<b>Fall 2022</b>
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**July 15, 2022**



# POSTBACH/GRADUATE TUITION, RESIDENT STUDENTS

Postbach/Graduate*, Resident Student				
Tuition (All Required)	Fall 2021 0-6 Units	Fall 2021 6.01+ Units	Spring 2022 0-6 Units	Spring 2022 6.01+ Units
Tuition Fee	\$2,082.00	\$3,588.00	\$2,082.00	\$3,588.00
Mandatory Campus Charges	\$638.32	\$ 638.32	\$836.74	\$836.74
<b>TOTAL</b>	<b>\$2,720.32</b>	<b>\$4,226.32</b>	<b>\$2,918.74</b>	<b>\$4,424.74</b>

\*Tuition fees are subject to change without advance notice by the Trustees of the California State University System.

# FINANCIAL AID

Financial assistance may be available in the form of scholarships, grants, loans. Students must be enrolled in 3 units (half time) to receive financial aid. For more information contact Financial Aid:

- [finaid.csusb.edu](http://finaid.csusb.edu)
  - (909) 537-5227
  - University Hall (UH) – 150

The screenshot shows the top navigation bar of the StudentAid.gov website. It includes icons for Home, About Us, FSA ID, StudentAid.gov, and Help. A search bar is located on the right side. Below the navigation bar is a blue banner with the text "Get help paying for college" and "Submit a Free Application for Federal Student Aid (FAFSA)". A row of four photos shows diverse students. Below the photos are two columns: "New to the FAFSA?" with a "Start A New FAFSA" button, and "Returning User?" with a list of actions (Make a correction, Add a school, View your Student Aid Report (SAR), and more...) and a "Login" button.



# FOR MORE INFORMATION

**Dr. Xinying Yin, Program Coordinator**

**[xyin@csusb.edu](mailto:xyin@csusb.edu)**

**Arlena Allende, Program Admissions Advisor**

**[aallende@csusb.edu](mailto:aallende@csusb.edu)**



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