



California State University, Fresno  
College of Science and Mathematics  
Department of Mathematics

<http://www.fresnostate.edu/csm/math/>

Title: Math Education  
Rank: Assistant Professor  
Status: Tenure Track  
Start: Fall 2021 (August 2021)

Fresno State invites applications for a full-time, tenure-track position in the Department of Mathematics beginning in Fall 2021 at the Assistant Professor rank. A Ph.D. in Mathematics Education, or a closely-related field, with a strong background in mathematics, is required (ABD candidates will be considered). The successful candidate will: (1) teach, supervise and advise undergraduate (B.S.), graduate (M.S.), and credential students; (2) conduct research/scholarly activities (that lead to grants, presentations, and publications); and, (3) engage in service to the University and the community. Depending on departmental needs and the candidate's expertise, his/her teaching responsibilities will include mathematics and credential courses for (mainly) pre-service K-12 teachers in the Bachelor of Science in Mathematics and the Liberal Studies programs. Instruction and project advising of students in the Master of Science in Mathematics program is also expected.

Fresno State faculty have an expected teaching load of 24 units per year; however, new tenure track hires receive substantially reduced teaching schedules during their first two years to provide the time to establish their research program. After the first two years, the successful candidate will have opportunities to apply for course releases to focus on non-teaching activities.

**Our Students:** California State University, Fresno is committed to serving our students with a focus on inclusion. Fresno State has been recognized as a Hispanic-Serving Institution (HSI), an Asian American/Native American/Pacific Islander-Serving Institution (AANAPISI), and has been designated to the Community Engagement Classification by the Carnegie Foundation for the Advancement of Teaching.

**Our Department:** With a commitment to the highest standards of teaching, the Department of Mathematics serves the University and the community by providing (1) mathematics education to mathematics, science, engineering, and liberal studies majors, the overwhelming majority of whom are pre-service elementary school teachers, and (2) general education mathematics courses for all majors. In pursuit of its educational mission, the department offers the following programs: Bachelor of Science in Mathematics (w/options Applied Mathematics; General Mathematics; Pure Mathematics; Statistics; Teaching; and Integrated Credential) and a Master of Science in Mathematics.

### **Qualifications:**

Required Education (from an accredited institution or foreign equivalent.):

- An earned doctorate (Ph.D.) in Mathematics Education or closely-related discipline and a Master's degree, or comparable coursework, in Mathematics.
- Candidates nearing completion of their doctorate (ABD) may be considered. However, for an appointment, the doctorate must be completed by August 1, 2021.

Required Experience:

- **Potential for successful teaching at Fresno State, as required by the position description.** This can be demonstrated by, for example: (1) previous experience teaching mathematics courses at the PreK-12, undergraduate, or graduate levels, and/or (2) by discussing curriculum/teaching plans that would fit our institution and the position. Candidates should use their teaching statement to demonstrate that they have this required qualification.
- **Evidence of ability to conduct successful research related to mathematics education.** This can be demonstrated by, for example, (1) previous publications record, and/or (2) having a research plan for the next few years. Candidates should use their research statement to demonstrate that they have this required qualification.
- **Ability to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds.** Please tell us, at least, (1) how you think you would fit in a diverse environment, like Fresno State's, and (2) what plans (and/or previous experience) you have in engaging students from typically underrepresented groups. Candidates should use their diversity statement to demonstrate that they have this required qualification.

Preferred Experience:

1. Ability to teach master's level courses on (1) cognition in mathematics and (2) research methods in mathematics education.
2. Publication record in mathematics education commensurate with experience and/or involvement in research related to PreK-16 mathematics teaching or learning.
3. Successful teaching, or supervising, experience in a credential program setting.
4. Potential to successfully obtain external funding.
5. Potential for active involvement in community-based outreach related to mathematics. For example: Fresno State's Math Circles, the Science and Mathematics Education Center (an interdisciplinary center that conducts outreach, research and programs related to K-16 science and mathematics education), etc.

**Application Procedures:** For best consideration, review of applications will begin Monday, November 30, 2020 and will continue until the position is filled. This position automatically closes May 1, 2021. Apply online at: <http://jobs.fresnostate.edu>

Provide the name and contact information of three professional references in the application form and attach at least the following:

1. Letter of interest, or cover letter, that specifically addresses the required and preferred experience qualifications.
2. Current curriculum vitae.
3. Teaching statement/philosophy.
4. Research statement.
5. Statement addressing your commitment to working with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds (that is, a diversity statement).
6. Unofficial transcripts (Ph.D., and Masters if applicable).

Candidates invited for a (virtual) visit will receive a request to send official transcripts by the provided deadline. In addition, your three professional references will be asked to submit current letters of recommendation.

### **Committee Information and Search process:**

Search Chair: Oscar Vega  
Department of Mathematics  
California State University, Fresno  
Email: ovega@mail.fresnostate.edu

### **About Fresno State**

California State University, Fresno is an engaged University. We focus on broadening students' intellectual horizons, fostering lifelong learning skills, developing the leaders of tomorrow, promoting community involvement, and instilling an appreciation of world cultures. We nurture cultural competence by celebrating the rich diversity of the campus community and welcoming the participation of all. Members of the University community are expected to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. For information on the University's commitment and dedication to creating a university known for its integrity, civility, equity, respect, and ethical behavior, please visit <http://www.fresnostate.edu/academics/diversity>. The campus is ranked 24<sup>th</sup> in the nation by [Washington Monthly](#); ranked 3<sup>rd</sup> by [U.S. News & World Report](#) in graduation rate performance for public institutions, and ranked 41<sup>st</sup> in the nation in [MONEY Magazines 50 Best Public Colleges](#).

Tenure-Track Faculty members gain a clear path to tenure through the University's Probationary Plan Process. For additional information, please visit: [www.fresnostate.edu/academics/facultyaffairs/procedures/facultyrtp/](http://www.fresnostate.edu/academics/facultyaffairs/procedures/facultyrtp/). We value our commitment to the success of our faculty by providing services from the Center for Faculty Excellence to Research and Sponsored Programs.

### **Other Campus Information:**

In compliance with the Annual Security Report & Fire Safety Report of Campus Security Policy and Campus Crime Statistics Act, California State University, Fresno has made crime-reporting statistics available to applicants, students, and employees online at [www.fresnostate.edu/police/clery/index.shtml](http://www.fresnostate.edu/police/clery/index.shtml). Print copies are available by request from the Campus Police Department.

A background check (including criminal records check) must be completed satisfactorily for this position. An offer of employment may be withdrawn or employment may be terminated based upon the results of the background investigation.

The person holding this position is considered a "limited reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements outlined in CSU Executive Order 1083 Revised July 21, 2017, as a condition of employment. You can obtain a copy of this Executive order by accessing the following website: <http://www.calstate.edu/eo/EO-1083.html>.

California State University, Fresno is a smoke-free campus. For more information, please click <http://fresnostate.edu/adminserv/smokefree/index.html>

**Advertised:** 29 Sep 2020 Pacific Daylight Time

**Applications close:** 30 Apr 2021 Pacific Daylight Time