



**Tenured Faculty Position**  
College of Natural and Social Sciences

**CAL STATE LA**

**Position:**

Department of Mathematics

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Associate/Full Professor of Mathematics (with tenure)

**Starting Date:**

August 2020

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**Minimum Qualifications:**

- 1) An earned doctorate (PhD or equivalent) in Mathematics or Mathematics Education or a closely-related discipline (such as Mathematical Sciences or Applied Mathematics) from an accredited institution (or equivalent) is required at the time of application
- 2) Evidence of experience coordinating multi-section mathematics courses
- 3) Demonstrated record of scholarly activity, such as publications and/or grants
- 4) Demonstrated effectiveness teaching undergraduate mathematics courses
- 5) Tenure as an Associate or Full Professor at an accredited degree-granting institution

**Preferred Qualifications:**

- 1) For candidates with a PhD in Mathematics Education: Master's degree or higher, or equivalent course work, in Mathematics or a closely-related discipline (such as Mathematical Sciences or Applied Mathematics) from an accredited institution (or equivalent)
- 2) Evidence of experience with instructor training, development, and oversight
- 3) Demonstrated record of scholarly activity in undergraduate mathematics education, especially involving general education, precalculus, or calculus courses
- 4) Evidence of experience with and/or training in a variety of effective teaching methods
- 5) Evidence of content knowledge sufficient to teach upper-division and graduate courses in analysis

**Duties:**

The primary professional responsibilities of instructional faculty members are: teaching, research, scholarship and/or creative activity, and service to the University, profession and to the community. These responsibilities generally include: advising students, participation in campus and system-wide committees, maintaining office hours, working collaboratively and productively with colleagues, and participation in traditional academic functions.

The successful candidate will be expected to influence the academic advancement of Cal State LA's students, many of whom are first-generation and minority students. The initial appointment will include coordination responsibilities for some of the department's multi-section service courses such as our general education, precalculus or calculus courses. The successful candidate's experience and interest will play a role in determining which set of courses he or she will coordinate. The coordinating responsibilities broadly fall into the following three categories:

- Coordination of courses: Overseeing the creation of common final exams/midterms and coordinating their grading; maintaining a common course structure (LMS, online homework, syllabus, pacing guide, assigned textbook exercises, etc.); performing needed advance preparation work for Early Start Math classes; coordinating and communicating with other departments and campus offices as needed.
- Instructor training and evaluation: Developing and implementing instructor training in coordination with Cal State LA's Center for Effective Teaching and Learning; performing classroom observations and providing feedback to instructors; setting up novice instructors with mentors.
- Assessment and curriculum development: Conducting regular assessment of these courses in terms of tracking and analyzing collected data (pass rates on final exams, course grades, etc.) and suggesting modifications to curriculum and/or instructor training based on the assessment; working with the department's curriculum committee to modify the course curricula as needed.

The successful candidate will be committed to the academic success of all of our students and to an environment that acknowledges, encourages, and celebrates diversity and differences. To this end, the successful candidate will work effectively, respectfully, and collaboratively in diverse, multicultural, and inclusive settings. In addition, the successful candidate will be ready to join faculty, staff, students, and administrators in our University's shared commitment to the principles of engagement, service, and the public good.

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**Salary:**

Initial salary is commensurate with qualifications and experience.

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**The University:**

California State University, Los Angeles (Cal State LA) is one of 23 campuses within the California State University system. The University is the premier comprehensive public university in the heart of Los Angeles. Cal State LA is ranked number one in the U.S. for the upward mobility of its students, and is dedicated to engagement, service, and the public good. We offer nationally recognized programs in science, the arts, business, criminal justice, engineering, nursing, education, ethnic studies, and the humanities. Our faculty have a strong commitment to scholarship, research, creative pursuits, community engagement, and service.

Our 240,000 alumni reflect the City and County's dynamic mix of populations. The University has one of the most diverse student populations of any college or university in the nation. As a federally recognized Hispanic-Serving Institution, and Asian-American, Native American, and Pacific Islander-Serving Institution, Cal State LA recognizes the transformative power of education and embraces its duty to identify and serve the needs of all of its students. The University is committed to creating a community in which a diverse population can live, work and learn in an atmosphere of civility and respect for the rights and sensibilities of each individual.

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**The Department:**

The department is one of 15 departments within the College of Natural and Social Sciences, which supports academic programs for approximately 6000 students. Majors in the college are trained to become highly competent professionals capable of solving technical environmental problems, developing public policy, pursuing advanced degrees, and becoming productive members of a diverse society.

The Department of Mathematics offers bachelor's and master's degrees. Students at both the undergraduate and graduate level can participate in research opportunities to prepare them for advanced degrees. Our department faculty includes awardees of university-wide, system-wide, and regional honors. Several faculty have received grants from NSF, NASA, and the Department of Education to support student research. Graduate students planning to enter the teaching profession can gain valuable experience as instructor of record for a range of lower-division courses. The department also hosts mathematics competitions at levels ranging from middle school through undergraduate. In addition to serving our majors, the department offers a large number of general education and STEM-service courses. Although our university is large, our class sizes are small: In Fall 2019, no section has more than 36 students. More information about our department and programs can be found at [www.calstatela.edu/academic/math](http://www.calstatela.edu/academic/math).

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**Required Documentation:**

- 1) A cover letter specifically addressing minimum and preferred qualifications.
- 2) A curriculum vitae.
- 3) A narrative statement describing your commitment to working effectively with faculty, staff, and student in a multicultural/multiethnic urban campus environment with a substantial population of first-generation students.
- 4) A university application for employment ([www.calstatela.edu/academic/position](http://www.calstatela.edu/academic/position)).
- 5) A list of three professional references.
- 6) Unofficial transcripts.
- 7) Three current letters of recommendation which collectively address the minimum qualifications.

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**Finalists will be required to submit:**

Official transcripts.

Employment is contingent upon proof of eligibility to work in the United States.

**Application:**

Applications received by November 1, 2019 will get full consideration. Review of applications will continue until the position is filled.

Applications are accepted only through <https://www.mathjobs.org/jobs/jobs/14649>

Please address all questions to the search committee chair (Daphne Liu) at: [dliu@calstatela.edu](mailto:dliu@calstatela.edu) or 323-343-2150.

Note: The person holding this position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

In addition to meeting fully its obligations under federal and state law, Cal State LA is committed to creating a community in which a diverse population can live, work and learn in an atmosphere of tolerance, civility and respect for the rights and sensibilities of each individual. To that end, all qualified individuals will receive equal consideration without regard to economic status, race, ethnicity, color, religion, marital status, pregnancy, national origin or cultural background, political views, sex, sexual orientation, gender identification, age, disability, disabled veteran or Vietnam era veteran status.

AN EQUAL OPPORTUNITY/TITLE IX EMPLOYER

Upon request, reasonable accommodation will be provided to individuals with protected disabilities to (a) complete the employment process and (b) perform essential job functions when this does not cause undue hardship.