

# MASTER OF ARTS IN EDUCATION: CONCENTRATION IN MATHEMATICS EDUCATION

## Admission to Program

Admission to the Master of Arts in Education: Concentration in Mathematics Education is based upon:

1. GPA of 3.0 in the undergraduate degree or last 60 semester (90 quarter) units attempted to include credential courses.
2. Possession of a single subject teaching credential.
3. At least two years' experience teaching mathematics in a secondary classroom.
4. Evidence of written English proficiency.
5. An interview with the graduate coordinator and/or other graduate advisors.

An applicant that has not met the requirements above may meet with a mathematics education advisor to evaluate the applicant's academic and professional background.

Admission to the graduate program is a two-part process that should be completed simultaneously:

1. Apply to the University through Cal State Apply: <https://www2.calstate.edu/apply> (<https://www2.calstate.edu/apply/>)
2. Apply to the Department by submitting two letters of recommendation that address your ability to pursue graduate-level work and your successful experience teaching adolescents, along with a written Statement of Purpose of about 750 words, which explains your goals for pursuing the degree, and readiness based on academic and professional preparation and disposition as a student.
3. Submit official transcripts to the Graduate Studies Division.
4. Send the materials in number (2) above and informal transcripts to the Department of Secondary Education, attention Dr. Judith Kysh.

## Written English Proficiency Requirement

### Level One

Written English Proficiency will be assessed based on the Personal Statement, submitted to the department as part of the application.

Applicants admitted conditionally or not meeting stated written English proficiency standards must meet Level One written English proficiency by completing the literature review assignment and S ED 761 with a grade of B or better by the end of the second semester of enrollment and prior to advancing to level two.

### Level Two

Writing proficiency will be assessed based on the quality of the Field Study Report or Thesis submitted as the Culminating Experience, E ED 895/S ED 895 or E ED 898/S ED 898. All students in the program must complete an 895 or 898 project.

## Continuous Enrollment Requirement

Students admitted fall 2008 and beyond have the semester they enroll in the culminating experience and the following semester to complete their degree requirements. Those who need additional time must enroll in

a zero-unit designated CEL course every subsequent semester until the culminating experience is completed.

For more information, please contact the Secondary Education Department (BH 41) or the Graduate College of Education Credential and Graduate Services Center Office (Burk Hall 244).

## Education (M.A.): Concentration in Mathematics Education – Minimum 30 units

### Mathematics Courses (9 units)

Units selected from upper division or graduate mathematics courses with advisor approval.

Code	Title	Units
Select three of the following:		
MATH 324	Probability and Statistics with Computing	3
MATH 325	Linear Algebra	3
MATH 350	Geometry	3
MATH 475	Capstone Course for Secondary Teachers of Mathematics	3
MATH 575	Mathematics in the Middle School Classroom	3
MATH 576	Math in Middle Schools II	3
MATH 577	Math in Middle School III	3
MATH 578	Mathematics in the High School	3

### Education Courses (12 units)

Code	Title	Units
S ED 761	School Mathematics: Problem Solving	3
S ED 796	Analyzing Cases of Mathematical Teaching	3
S ED 856	Assessing Mathematical Thinking	3
S ED 807	Leadership Development in Mathematics Education	3

### Core Courses (6 units)

Code	Title	Units
ISED 797	Seminar in Educational Research	3
S ED 895	Field Study	3

### Graduate Level Elective (3 units)

To be determined in consultation with advisor

### Culminating Experience

Early in the semester prior to enrollment in either S ED 895 or S ED 898, the student must submit the Advancement to Candidacy (ATC), the Proposal for Culminating Experience, and the Human Subjects Protocol forms. Enrollment in these courses is contingent upon approval.