

UCLA CalTeach-Math Sophomore Year

Program Description:

- Pedagogical Content Preparation: The Math 72SL Seminar
Students accepted into the sophomore year program will take Math 72SL, Classroom Practices in Middle School Mathematics, in the in the Fall and Spring quarter of their sophomore year. Math 72SL is a 2 unit seminar course designed to expose students to current issues in middle school mathematics education. Students will learn pedagogical strategies for teaching middle school mathematics and examine the middle school mathematics curriculum from a pedagogical perspective. Students will complete readings of relevant mathematics education research as well.
- Field Experience: Observations in a Middle School
Students accepted into the sophomore year program will observe mathematics teaching in a local elementary schools during the quarter in which they take Math 72SL (fall, winter or spring). Students will keep field notes of their observations and discuss them in the Math 72SL seminar. Students also record their observations in the UCOP CalTeach Portal, an online system.
- Content Preparation: The lower division calculus sequence
Students accepted into the sophomore year program will complete Math 32A and 33AB (or their equivalent) by the end of their sophomore year to prepare them to meet the subject matter competence requirement for the California Single Subject Teaching Credential in Mathematics and to meet the prerequisites for Math 103ABC. Students in the sophomore year program are also encouraged to complete 115A.
- California Credential Requirement: The U.S. Constitution requirement
Students accepted into the sophomore year program will complete one course from Hist 13A/B/C, Hist 7A/B, Hist 151A/B, Pol Sci 1, Pol Sci 172A/B, Pol Sci 40 to satisfy the US Constitution requirement of the CA teaching credential.
- Financial Incentives:
Students who complete the above requirements will receive \$300 in scholarships at the end of their sophomore year.

How to Apply:

Note: The deadline for applications for Winter 2010 has been extended, and applications are still being accepted.

Applications are posted online at <http://www.curtiscenter.math.ucla.edu/undergraduate.html>. Applications are processed on a first-come first-serve basis with deadline the 7th week of the quarter before the one in which you plan to take M72SL. M72SL is offered in the Fall, Winter, and Spring quarters. Please note: Math 72SL course capacity is limited and students accepted into the Sophomore Year Program may need to complete this course in the Spring. Permissions to Enroll (PTEs) for Math 72SL are distributed with acceptance letters for the Sophomore Year by the Mathematics Department.

Note: Students applying for the Sophomore Year of the UCLA CalTeach – Math program should have completed the Math 72SL pre-requisites: Math 31AB (or equivalent).