

UCLA CalTeach-Math Senior Year

Program Description:

- Pedagogical Content Preparation: The Math 105ABC Capstone/Methods Course
Students accepted into the senior year program will take Math 105ABC, Mathematics and Pedagogy for Teaching Secondary Mathematics, in the fall, winter and spring quarters of their senior year. Each quarter of the Math 105 sequence is a 4-unit course designed to connect undergraduate mathematics coursework to the secondary mathematics curriculum, examine the secondary mathematics curriculum from a pedagogical perspective, and to develop students knowledge of pedagogical strategies for teaching secondary school mathematics.

- Field Experience: Observations in Middle and High Schools
Students accepted into the senior year program will observe mathematics teaching in a variety of local middle and high schools. These observations will be connected to assignments in the Math105ABC course sequence. These assignments will include a paper connecting the state and national standards for the teaching of mathematics to practice, a student interview assignment, and a lesson planning and teaching assignment. Students will keep field notes of their observations record their observations in the UCOP CalTeach Portal, an online system.

- Content Preparation: Verifying Subject Matter Competency
To verify student's subject matter competence for the California Single Subject Teaching Credential in Mathematics:
Mathematics majors accepted into the senior year program will complete the department's CA-approved subject matter program. These students will obtain a letter from the Undergraduate Counselor verifying their completion of the program requirements (see p. 8).

Non-math majors accepted into the senior year program will take and pass the California Subject Examination for Teachers in mathematics. UCLA CalTeach-Math will pay the related exam fee for these students to take one sitting of the CSET.

- California Credential Requirement: Apply to a be accepted to a CA credential program
Students accepted into the senior year program will attend a informational meeting, attended by several local credential programs. Students will subsequently apply to and be accepted by a CA credential program by the end of their senior year.

- Financial Incentives:
Students completing the above program requirements will receive up to \$900 in scholarships.

How to Apply:

Applications are posted online at <http://www.curtiscenter.math.ucla.edu/undergraduate.html>.

The application deadline is one month before instruction begins for Fall quarter. Late applications accepted on a space available basis. Permissions to Enroll (PTEs) for Math 105A are distributed with acceptance letters for the Senior Year by the Mathematics Department.

Note: Students applying for the Senior Year of the UCLA CalTeach – Math program should have completed the Math 105ABC pre-requisites: Math 110A or 117, Math 123 or 120A, and Math 131A (or equivalent). If you do not meet these pre-requisites, please feel free to discuss your situation with the course instructors.