

# UCLA Mathematics for Teaching Major

The Mathematics for Teaching Major is designed for students planning to teach mathematics at a secondary school. The major focuses on providing a substantial foundation for potential teacher leaders. It provides broad exposure to mathematical knowledge for teaching, and it also provides an introduction to an array of professional issues in mathematics teaching. The major includes student observation components and a portfolio component. Special attention will be paid to students in the major to insure that they satisfy the mathematics subject matter competency requirements for the California Single Subject Mathematics Teaching Credential.

**Preparation for the Major (11 Courses):**

	Quarter	Grade		Quarter	Grade
Math 31A	_____	_____	Two additional courses from: Chemistry 20AB, Physics 1BC, Physics 6BC, PIC 10B – 97	_____	_____
Math 31B	_____	_____		_____	_____
Math 32A	_____	_____		_____	_____
Math 32B	_____	_____		_____	_____
Math 33A	_____	_____		_____	_____
Math 33B	_____	_____		_____	_____
Math 61	_____	_____		_____	_____
PIC 10A	_____	_____		_____	_____
Physics 1A or 6A	_____	_____		_____	_____

**The Major (13 Courses):**

	Quarter	Grade
Math 115A	_____	_____
Math 105A	_____	_____
Math 105B	_____	_____
Math 105C	_____	_____
Math 106	_____	_____
Math 110A or 117	_____	_____
Math 120A or 123	_____	_____
Math 131A	_____	_____
Math 170A or Stats 100A	_____	_____
Stats 100B	_____	_____

One course chosen from Mathematics 131B - 136: Analysis

Math \_\_\_\_\_

One course chosen from Mathematics 142 - 167: Applied Mathematics

Math \_\_\_\_\_

One course from Math 110B – 191H or Stats 100C

Math \_\_\_\_\_

**Pre-requisites for and enrolling in Math 105ABC:** Students should complete Math 110A or 117 before or while enrolled in Math 105A; Math 123 or 120A before or while enrolled in Math 105B; and Math 131A before or while enrolled in Math 105C. If you have difficulty enrolling into Math 105ABC, please email [dallas@math.ucla.edu](mailto:dallas@math.ucla.edu).

**Note:** Students who complete the UCLA Mathematics for Teaching Major automatically complete the department’s CA-approved “Subject Matter Program” in mathematics, verifying their “subject matter competence” for the CA Single Subject Teaching Credential in Mathematics.