

## Verifying Subject Matter Competence for the CA Single Subject Teaching Credential in Mathematics

Applicants for a California Preliminary Single Subject Teaching Credential in Mathematics must verify their “subject matter competence” to teach mathematics in one of two ways: 1) complete a CA-approved “subject matter program” and obtain verification of completion from a university with an approved program or 2) achieve a passing score on the three part California Subject Matter Examination for Teachers (CSET).

The UCLA Mathematics Department is one of three UC campuses with a CA-approved subject matter program in mathematics. The courses comprising the program are listed below. Students who complete all four years of the UCLA CalTeach-Math and/or the Mathematics for Teaching major will automatically complete the department’s CA-approved subject matter program. At the end of their senior year, students may request a letter from the Mathematics Department’s Undergraduate Office verifying their completion of these courses and thus their subject matter competence for the CA Single Subject Teaching Credential in Mathematics.

22 courses:

Mathematics 31A	Calculus and Analytic Geometry
Mathematics 31B	Calculus and Analytic Geometry
Mathematics 32A	Calculus of Several Variables
Mathematics 32B	Calculus of Several Variables
Mathematics 33A	Linear Algebra & Applications
Mathematics 33B	Differential Equations
Mathematics 61	Discrete Structures
PIC 10A	Introduction to Programming
Math 105A	Mathematics and Pedagogy for Teaching Secondary Mathematics
Math 105B	Mathematics and Pedagogy for Teaching Secondary Mathematics
Math 105C	Mathematics and Pedagogy for Teaching Secondary Mathematics
Mathematics 106	History of Mathematics
Mathematics 117 or 110A	Algebra
Mathematics 115A	Linear Algebra
Mathematics 120A or 123	Geometry
Mathematics 131A	Analysis
Mathematics 170A or Stats 100A	Probability
Stats 100B	Statistics

1 from Mathematics 131B-136

1 from Mathematics 142-167

1 from Physics 1A or 6A

1 from Chemistry 20AB, Physics 1BC, Physics 6BC, or PIC 10B-97

**Pre-requisites for and enrolling in Math 105ABC:** Enrollment in Mathematics 105ABC is by PTE only. Math 105ABC pre-requisites are: Math 110A or 117, Math 123 or 120A, and Math 131A (or equivalent). To enroll in Math 105ABC, please see the Undergraduate Office for a PTE number.