

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 was one of the first UC mathematics departments authorized by the State of CA to offer a subject matter competency 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 (6356 MS) 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 123 or 120A	Geometry
Mathematics 131A	Analysis
Math 170E or Stats 100A or Math 170A	Probability
Math 170S or Stats 100B or Math 170B	Statistics

1 from Mathematics 131B-136

1 from Mathematics 142-167

1 from Physics 1A or 5A

1 from Chemistry 20AB, Physics 1BC, Physics 5BC, or PIC 10B-97

Pre-requisites for and enrolling in Math 105ABC: The Math 105A pre-requisite is Math 110A or 117. The Math 105B pre-requisites are Math 105A as well as Math 123 or 120A. The Math 105C pre-requisites are Math 105B and Math 131A (or equivalent). If you have difficulty enrolling into Math 105ABC, please email dallas@math.ucla.edu for a PTE number.

***Please Note:** In order to receive a 100% CSET waiver from UCLA, students must have “C-” or better in the following courses and an upper division GPA of 2.0 or higher: Mathematics 131A, Mathematics 123 or Mathematics 120A, Mathematics 117 or Mathematics 110A, Mathematics 105A, Mathematics 105B, and Mathematics 105C.