The UCLA Mathematics Department’s Subject Matter Preparation Program

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 Preparation 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 the UC campuses with a CA-approved subject matter program in mathematics. The courses comprising the program are listed below. Students who complete the Mathematics for Teaching major will automatically complete this 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
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

*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.