The UCLA Mathematics Department's Subject Matter 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 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 (6356 MS) verifying their completion of these courses and thus their subject matter competence for the CA Single Subject Teaching Credential in Mathematics.

<u>22 courses:</u>

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

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.

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.*