

MATHEMATICS TEACHING CREDENTIAL

Requirements

The Mathematics program that is outlined below incorporates content specific courses to meet the California Teaching Credential Mathematics subject matter.

Code	Title	Units
Mathematics Major Requirements		
Lower Division:		
MATH-180C	Calculus I	4
MATH-181C	Calculus II	4
MATH-207	Computer Programming	3
MATH-281	Multivariable Calculus	4
MATH-285	Intro to Adv Mathematics	3
Upper Division:		
MATH-300	Linear Algebra	3
MATH-310	Differential Equations	3
MATH-365	Probability and Statistics	3
MATH-380	Elementary Analysis I	3
MATH-390	Numerical Analysis	3
MATH-499C	Mathematics Capstone	2
Mathematics Electives:		
Required courses for completion of the single subject matter program.		
MATH-315	Teaching/Tutoring	3
MATH-330	Number Theory	3
MATH-410	Abstract Algebra	3
MATH-420	Higher Geometry	3
Non-Mathematics Requirements:		
PHIL-201	Introduction to Philosophy	3
PSCI-223C & 223CL	Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Lab	4
PSCI-225 & 225L	Electricity and Magnetism and Electricity and Magnetism Lab	4
Additional Courses Required For Credentialing:		
ANTH/ ENGL-453	Language,Culture/Linguistics	
POLS-155C	American Democracy	
Total Units		58

