INTRODUCTORY MATHEMATICS, SUBJECT MATTER AUTHORIZATION

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure an Introductory Mathematics Subject Matter Authorization that allows the holder to teach the subject matter content typically included in curriculum guidelines and textbooks approved for study in grades 9 and below. This allows an employer to assign a teacher with an introductory mathematics authorization to teach a class in which the curriculum is for grades 9 and below but the students in the class may be in grades K-12.

For other requirements governing issuance of this authorization, consult the Teacher Education section of this catalog or contact the School of Education Student Services Center.

1. A minimum of 32 units is required but must include at least one course in the content areas of algebra, advanced algebra, geometry, probability or statistics, and development of the real number system or introduction to mathematics.
2. Under the requirements tab is an extensive list of courses, and their specific content area, that can be used to satisfy the 32-unit requirement. A Mathematics Department advisor can assist you in preparing your 32-unit coursework plan.

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Requirements

Code	Title	Hours
Algebra		
MAT 153	Pre-Calculus with Trigonometry	4
MAT 307	Foundations of Middle School Mathematics I	3
Advanced Algebra		
MAT 191	Calculus I	5
MAT 193	Calculus II	5
MAT 309	Foundations of Middle School Mathematics III (infrequently offered)	3
Geometry		
MAT 207	Mathematics for Elementary School Teachers: Geometry & Statistics	4
MAT 308	Foundations of Middle School Mathematics II (infrequently offered)	3
Probability and Statistics		
MAT 131	Elementary Statistics and Probability	3
Development of the Real Number System or Introduction to Mathematics		
MAT 105	Finite Mathematics (infrequently offered)	3
MAT 107	Mathematics for Elementary School Teachers: Real Numbers	3
MAT 143	Problem Solving in Mathematics	3
MAT 241	Programming and Technology for Teaching Secondary School Mathematics	3
Total Hours		**42**

Can be used toward earning the required 32 units once each specific content area has been met.