INTRODUCTORY REQUIREMENTS

Calculus: MATH 19A (FWS) ___ + 19B (FWS) ___
Linear Algebra: MATH 21 (FWS) ___
Multivariable Calculus: MATH 23A (FWS) ___ + MATH 23B (FWS) ___
Statistics: AMS 5 (FWS) ___

ADVANCED REQUIREMENTS

Math: AMS 131 Introduction to Probability Theory (FS) ___
      MATH 100 Introduction to Proof and Problem Solving (FWS) ___
      MATH 110 Introduction to Number Theory (FW) ___
      MATH 111A Algebra (FW) ___
      MATH 128A Classical Geometry: Euclidean and Non-Euclidean (F) ___
      MATH 181 History of Mathematics (W) ___
      MATH 188 Supervised Teaching (FWS) ___ OR EDUC 50B (FW) ___ +
      EDUC 100B (FS) ___

Analysis: ONE from the following...
      MATH 103A Complex Analysis (WS) ___
      MATH 105A Real Analysis (FW) ___

COMPREHENSIVE REQUIREMENT

MATH 194 Senior Seminar (WS) ___
OR MATH 195 Senior Thesis (FWS) ___

Mathematics Subject Matter Program (Optional)

Listed below are the courses (or alternates) in addition to the above, you must take if you want to bypass the CSET series of exams before entering a California teaching credential program. Equivalents from other institutions are accepted on approval from the Mathematics Department.

Education: Educ 185B Introduction to Teaching Math (W) ___

Additional Math: ONE from the following...
      Math 24 Ordinary Differential Equations (S) ___
      Math 30 Mathematical Problem Solving (F) ___
      Math 115 Graph Theory (*) ___
      CMPE 16 Applied Discrete Mathematics (FWS) ___

Computer Science: ONE from the following...
      CMPS 10 Introduction to Computer Science (FWS) ___
      CMPS 5C Introduction to Programming in C++ (*) ___
      CMPS 5J Introduction to programming in Java (FW) ___
      CMPS 5P Introduction to Programming in Python (S) ___