Mathematics Education B.A. Advanced Requirements

**Math 100**
Intro to Proofs and Problem Solving

**Math 103A**
Complex Analysis

**OR**

**Math 105A**
Real Analysis

**Math 111A**
Algebra

**OR**

**Math 111T**
Algebra

**Math 110**
Number Theory

**Math 128A**
Classical Geometry

**Math 181**
History of Mathematics

**Cal Teach**
(Must take both the following)

**EDUC 50B**
CAL Teach 1: Mathematics

**And**

**EDUC 100B**
CAL Teach 2: Mathematics

**Statistics**
(Must take both the following)

**STAT 5**
Statistics

**And**

**STAT 131**
Introduction to Probability Theory

**Comprehensive Requirement**
(Must take one of the following)

**Math 194**
Senior Seminar

**OR**

**Math 195**
Senior Thesis
Mathematics Subject Matter Program

Optional CSET Waiver

EDUC 185B
Intro to Math Education

Additional Math
(Must take one of the following)

Math 24
Differential Equations

Math 101
Problem Solving

Math 115
Graph Theory

CSE 16
Discrete Math

Computer Science
(Must take one of the following)

CSE 5J
Intro to Programming in Java

CSE 10/L
Intro to Computer Science

CMPS 20
Intro to Programming in Python