# Mathematics Education BA

## 2020/21 (BF 7/2/20)

**Name:** 

**Date:** 

(Quarter offered: F=Fall, W=Winter, S=Spring, * = Not offered this year)  

**ID#:** 

NOTE: Courses appearing in more than one category can fulfill only one requirement.

## INTRODUCTORY REQUIREMENTS

### Calculus:
- MATH 19A (FWS) ___ + 19B (FWS) ___  
- OR MATH 20A (*) ___ + 20B (*) ___

### Linear Algebra:
- MATH 21 (FWS) ___

### Vector Calculus:
- MATH 23A (FWS) ___ + MATH 23B (FWS) ___

### Statistics:
- STAT 5 (FWS) ___

## ADVANCED REQUIREMENTS

### Math:
- STAT 131 Introduction to Probability Theory (FWS) ___
- MATH 100 Introduction to Proof and Problem Solving (FWS) ___
- MATH 110 Introduction to Number Theory (WS) ___
- MATH 128A Classical Geometry: Euclidean and Non-Euclidean (S) ___
- MATH 181 History of Mathematics (W) ___
- EDUC 50B (FW) ___
- EDUC 100B (FS) ___

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

### Algebra:
- ONE from the following...
  - MATH 111A Algebra (FW) ___
  - MATH 111T Algebra (S) ___

## COMPREHENSIVE REQUIREMENT

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

---

Disciplinary Communication Requirement (DC): Students satisfy this requirement by completing courses MATH 100 and either MATH 194 or MATH 195. The DC course requirement must be taken at UCSC.