

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.