

Name: _____

Date: _____

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

ID#: _____

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

INTRODUCTORY REQUIREMENTS

Calculus: MATH 19A (FWS) ___ + 19B (FWS) ___

Linear Algebra: MATH 21 (FWS) ___

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

Statistics: AMS 5 (FWS) ___

ADVANCED REQUIREMENTS

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

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 (IS) ___

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

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 101 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) ___