INTRODUCTORY REQUIREMENTS

Calculus: MATH 19A (FWS) ___ + 19B (FWS) ___
Linear Algebra: MATH 21 (FWS) ___
Vector Calculus: MATH 23A (FWS) ___ + MATH 23B (FWS) ___
Ordinary Differential Equations: Math 24(S) ___

ADVANCED REQUIREMENTS

MATH 100 Introduction to Proof and Problem Solving (FWS) ___

NOTE: To declare the Mathematics B.A., students must complete the following with a C or better:
MATH 19A/B, 21, 23A/B, 100
MATH 103A Complex Analysis (WS) ___
MATH 105A Real Analysis (FW) ___
MATH 111A Algebra (FW) ___
MATH 117 Advanced Linear Algebra (F) ___

Geometry: ONE from the following...
MATH 121A Differential Geometry (F) ___
MATH 124 Introduction to Topology (F) ___
MATH 128A Classical Geometry: Euclidean and Non-Euclidean (S) ___

Electives: THREE from the following...
Any MATH courses numbered above 100 (excluding MATH 188 or 189) ___
Any AMS course numbered 100 or above) ___

DISCIPLINARY COMMUNICATION REQUIREMENT
Satisfied by the successful completion of MATH 100 and 194 or 195.
NOTE: This requirement MUST be completed at UCSC.

COMPREHENSIVE REQUIREMENT
MATH 194 Senior Seminar (WS) ___ OR MATH 195 Senior Thesis (IS) ___