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) ___
MATH 103A Complex Analysis (WS) ___
MATH 105A Real Analysis (FW) ___
MATH 111A Algebra (FW) ___
MATH 117 Advanced Linear Algebra (W) ___

Geometry: ONE from the following...

MATH 121A Differential Geometry (*) ___
MATH 124 Introduction to Topology (F) ___
MATH 128A Classical Geometry: Euclidean and Non-Euclidean (F) ___

Electives: THREE from the following...

Any MATH courses numbered above 100 (excluding MATH 188 or 189) ___
Any AMS course numbered 100 or above) ___

COMPREHENSIVE REQUIREMENT

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

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