INTRODUCTORY REQUIREMENTS

Calculus: MATH 19A (FWS) ___ or MATH 20A (F) ___
MATH 19B (FWS) ___ or MATH 20B (W) ___

Linear Algebra: MATH 21 (FWS) ___

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

ADVANCED REQUIREMENTS

MATH 100 Introduction to Proof and Problem Solving (FWS) ___
MATH 103A Complex Analysis (FS) ___
MATH 105A Real Analysis (FW) ___
MATH 111A Algebra (FW) ___
MATH 117 Advanced Linear Algebra (S) ___

Geometry: ONE from the following...
MATH 121A Differential Geometry (S) ___
MATH 124 Introduction to Topology (F) ___
MATH 128A Classical Geometry: Euclidean and Non-Euclidean (F) ___
MATH 129 Algebraic Geometry (*) ___

Electives: TWO from the following...
MATH 24 Ordinary Differential Equations (S) ___
OR any MATH course numbered above 100 (excluding MATH 188 and 189) ___

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 MATH 194 or MATH 195. The DC course requirement must be taken at UCSC.