MATHEMATICS B.A. - Pure Mathematics

INTRODUCTORY REQUIREMENTS

Calculus:  MATH 19A (FWS) ___ + 19B (FWS) ___
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 (WS) ___
MATH 105A Real Analysis (FW) ___
MATH 111A Algebra (FW) ___
MATH 117 Advanced Linear Algebra (S) ___

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

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

COMPREHENSIVE REQUIREMENT

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