Mathematics B.S. Advanced Requirements

**Math 100**
Intro to Proofs and Problem Solving

**Math 24**
Ordinary Differential Equations

**Analysis**
- Math 103A Complex Analysis
- Math 105A Real Analysis

**Algebra**
- Math 111A Algebra
- Math 111T Algebra
- Math 117 Advanced Linear Algebra

**Geometry**
(Must take one of the following)
- Math 121A Differential Geometry
- Math 124 Topology
- Math 128A Classical Geometry
- Math 129 Algebraic Geometry

**3 total electives above Math 100 or above AM or STAT 100**
(Only 1 total may be AM or STAT)

**Comprehensive Requirement**
(Must take one of the following)
- Math 194 Senior Seminar
- Math 195 Senior Thesis