

Checklist for the Bachelor of Science in Mathematics:

The following courses must be passed with a grade of C- or better. The cumulative GPA for required upper division math courses must be at least 2.25.

Lower division:

- MTH 251, 252, 253, 254, 255, 256, the Calculus sequence
- Physics 211
- MTH 341, Linear Algebra I

Upper division:

- MTH 311 (Fall) Advanced Calculus I
- MTH 355 (Fall) Discrete Math/Mathematical Software
- MTH 312 (Winter) Advanced Calculus II
- MTH 342 (Winter) Linear Algebra II
- MTH 343 (Spring) Abstract Algebra
- WIC (Spring) MTH 323 or 333 or 338 (not all offered every year)

- 1 _____ *5 courses from the following list:*
- 2 _____ MTH 483 Complex variables
- 3 _____ MTH 480 Systems of Differential Equations
- 4 _____ MTH 434 Introduction to Differential Geometry
- 5 _____ MTH 440 Computational Number Theory
- MTH 451 Numerical Linear Algebra
- MTH 463 Probability I
- MTH 430 Metric Spaces and Topology

- 1 _____ *2 more courses* of upper division math, 400 level statistics,
- 2 _____ or other approved course of a mathematical nature.