The goal of all the Department’s programs is to produce students who are both technically competent and sufficiently well-grounded in theory that they can contribute to fundamental research in their chosen specialty.

The BS program is more technically oriented than the BA program.

**Career Prospects**

This degree provides solid preparation for work or study in mathematics or a related field.

Graduates may go on to work in insurance and engineering companies; as a data analyst; as a software developer; or in government agencies.

In general, although there is not on specific career path for mathematics graduates, the job prospects are very good.

**Requirements:**

**Core (24 hours):**
- Calculus sequence (12 hours)
- CSC 120 or 130 Programming Course (3 hours)
- STA 290 Introduction to Probability and Stats (3 hours)
- MAT 310 Elementary Linear Algebra (3 hours)
- MAT 490 Senior Seminar (3 hours)

**Choose a Concentration:**
- Advanced Math Concentration (33 hours mathematical sciences courses and interdisciplinary courses)
- Statistics Concentration (21 hours STA courses and 6 hours in mathematical science courses)