**Applied Mathematics and Statistics**

A minor in Applied Math and Statistics will familiarize students with techniques and applications of mathematical modeling in fields of interest to them. Fundamentals of modeling system change will be discussed in the Calculus sequence. Working with data will be addressed in the Statistics sequence. By taking a mathematics-intensive course in their field of interest, students will learn how mathematical models apply to the world around them.

- MA 2003 Applications in Mathematics: Theme
- MA 2243 Elementary Statistics
- MA 2333 Calculus I
- MA 3263 Biometry or MA 3253 Applied Statistics
- MA 3443 Calculus II

**Two of the following:**

- BI 3423 Evolution and Population Genetics
- BI 4423 Ecosystem Ecology
- ES 3213 Applied Geographic Information Systems
- GL 4003 Global Change
- PL 4313 Econ. and Quant. Analysis of Environmental Policy
- PS 2004 Physics: Mechanics and Energy
- PS 3003 Sustainable Energy
- WF 3013 Population Assessment and Management

An academic minor is a specified sequence of courses totaling 18 to 24 credits and requiring at least nine credits of 3000 or 4000 level work. Twelve of the credits must be outside of your major degree requirements. Students are limited to declaring one minor in addition to their major(s). Minors do not lead to a degree. No substitution or waiver of courses in a minor is allowed. The college does not guarantee courses for a minor.