

# Mathematics and Statistics

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## Department Information

- **Department Web Site:**  
[www.ndsu.edu/math/](http://www.ndsu.edu/math/) (<http://www.ndsu.edu/math/>)
- **Credential Offered:**  
B.S.; B.A.
- **Official Program Curriculum:**  
[catalog.ndsu.edu/undergraduate/program-curriculum/mathematics-statistics/](http://catalog.ndsu.edu/undergraduate/program-curriculum/mathematics-statistics/) (<http://catalog.ndsu.edu/undergraduate/program-curriculum/mathematics-statistics/>)

## Pre-Actuarial Science Option

Actuarial Science is the study of the evaluation and measurement of risk. The Actuary Science option is a pre-professional program designed to provide the background needed to enter the field. Entrance into the profession is regulated under a system of examinations run by actuarial professional societies. The curriculum for this option is designed to prepare the student to pass several of these examinations.

The nature of the actuarial profession requires its practitioners to have a broad knowledge of finance, law, mathematics, management, and statistics. This option leads to a double major in Mathematics and Statistics with either a minor in Economics or additional courses in business. Students selecting this option are requested to visit with the actuarial advisers in both the Departments of Mathematics and Statistics early and often to confirm their progress and to inform themselves of changes in the examination curriculum.