



What Can I Do With A Major In...

Mathematics & Actuarial Science

Majors: Mathematics, Statistics (Interdisciplinary with CIS), Actuarial Science (B.S.)

Minor: Mathematics

Concentrations: Applied Mathematics, Pure Mathematics, Statistics, Math Education

Department Website: <http://www.stthomas.edu/mathematics/>

Mathematics Overview:

The Department of Mathematics offers major tracks that can satisfy a variety of student interests and careers. Majors in mathematics can prepare themselves for graduate study in mathematics or related areas, for the teaching of mathematics at the secondary school level, for professional school in law or health science, or for the application of mathematics and statistics in science, business, industry and government. Students majoring in mathematics are encouraged to use elective courses to broaden their background in mathematics or in a related area of special interest.

Actuarial Science Overview:

Actuarial science education equips students with strong mathematical problem-solving skills that can be applied to business careers. The major requirements consist of courses in mathematics, actuarial science, computer science, business, economics and a course in communication. Coupled with a firm foundation in the liberal arts, this major provides a sound grounding in analytical problem-solving and communication skills. This program prepares students for a variety of careers with insurance companies, consulting firms, financial institutions, industrial corporations, or government agencies. It also provides a good preparation for non-actuarial careers in banking, finance, or insurance. In addition, the statistical background developed by an actuarial student is valuable in a variety of other fields.

To be certified as a Fellow or an Associate by either the Society of Actuaries or the Casualty Actuarial Society, one must pass a series of rigorous examinations. The earlier examinations are focused on mathematics and statistics and can be taken while a student. The later examinations cover aspects of business, economics, and the regulatory climate. A careful selection of courses from a variety of departments helps a student to prepare for many excellent professional opportunities in this field.

University of St. Thomas 2014-2016 Undergraduate Catalog

What do UST Math & Actuarial Science alumni do?

A sample of entry level job titles and employers of alumni six to nine months after graduation:

Sample Job Titles: Actuarial Analyst, Financial Analyst, Events and Logistics Intern, Technical Services Analyst, Teaching Assistant, Math Enrichment Tutor, Investment Operation Associate, Data Analyst, Human Capital Analyst, Estimating Analyst, Software Engineer, Customer Operations Analyst

Sample Employers: Ameriprise Financial, Aon Hewitt, Certifi, Deloitte Consulting LLP, Energy Resources, Epic Systems Corporation, Great-West Financial, Iowa State University, Mercer, Minnesota Math Corps, Northwestern Mutual, OneBeacon Insurance Group, Security Life Insurance Company, Thrivent Financial, Towers Watson, Travelers Insurance, UnitedHealth Group, Utilimarc

University of St. Thomas 2013-2014 Post-Graduate/First Destination Survey

Additional Industries & Career Areas:

Mathematics/Computational Science	Banking and Finance
Computers	Education
	Business

