



MATH CO-OP STUDENTS

ANALYTICAL | ORGANIZED | MOTIVATED

ACADEMICS

While mathematical and statistical models and methods form the basis of scientific and engineering fields, they are also used in such diverse areas as modern communication, cryptography, animation, banking and finance, policy development and consultation, public health care, and architecture. Students with a strong background in mathematics and statistics develop problem-solving skills, logical thinking, and creativity. Students undertake course work that focuses on mathematical, technical, and theoretical knowledge. As a result, students develop many professional abilities that can contribute to an organization's success. Students have the opportunity to complete concentrations in actuarial science and statistics.

MATH CO-OP JOB EXAMPLES

Actuarial Assistant	Product Assurance	Research Assistant	Business Analyst
Systems Administrator	Statistician	Software Developer	Market Risk Analyst
Technical Writer	Risk Watch Analyst	IT Specialist	Info. Management
Java Developer	Laboratory Technician	Underwriting Assistant	Pension Analyst
Business Application Tester	Data Analyst	Economics Assistant	Bioinformatician
Network Analyst	Network Analyst	Technical Support Analyst	Financial Analyst

MATH CO-OP STUDENTS HAVE...

1. **Analytical Skills:** Logically quantifies and analyzes raw data;
2. **Concept Application Ability:** Applies mathematical concepts to the solution of real-world problems;
3. **Organization Skills:** Organizes, understands, and analyzes new sources of information and applies novel forms of technology or new information to different professional settings and tasks;
4. **Information Synthesis:** Able to deduct information from various sources and concentrates on relevant resources; and
5. **Creative Approaches:** Creatively solves problems and makes well-reasoned decisions, considering different sides of an argument while using innovative thinking.



STFX
UNIVERSITY

Co-operative Education