



# MATHEMATICS AND STATISTICS

At UWindsor, you can pursue studies in mathematics, statistics, mathematics and computer science, mathematics and education, mathematics and finance or combine math with any other major, for example, music or physics.

## OUR PROGRAMS

Our programs include a core of rigorous courses in mathematics and statistics designed to give you a solid foundation in the theory and techniques required to enhance critical thinking, problem solving, and communication skills. You will appreciate the beauty and ubiquitous application of mathematics.

Our program structure allows every student to explore a wide variety of courses outside of mathematics. For example, in year one you will take four math courses, two computer science courses, and four other courses in any subject for which you have an interest.

You will enjoy exceptional access to faculty and individual attention due to small class size. You will have access to opportunities to engage in undergraduate research. Beginning second year, you may have the chance to work one-on-one with faculty on research during the academic year through the Outstanding Scholars' program, and during the summer you can compete for NSERC undergraduate summer research awards.

For profiles of our alumni, please visit:  
[uwindsor.ca/math/alumni-profiles](http://uwindsor.ca/math/alumni-profiles)



University  
of Windsor

## BACHELOR OF MATHEMATICS DEGREES OFFERED

- General Mathematics
- Honours Mathematics
- Honours Mathematics and Statistics
- Honours Mathematics and Computer Science
- Honours Mathematics with Finance Concentration
- Concurrent Bachelor of Mathematics (Honours) / Bachelor of Education
- Combined Honours Mathematics Programs

Our faculty members are dedicated researchers and teachers in several mathematical specializations with the common goal of providing an excellent education. You will have access to a computer lab, the Math and Stats Learning Centre, and exceptional library resources that support undergraduate and graduate programs. We are also an official exam site for the Society of Actuaries and offer preparation sessions for their exams.

To see a sample first-year schedule, visit the online Guide to Registration website ([www.uwindsor.ca/courseselection](http://www.uwindsor.ca/courseselection)), click on the "Science Programs" link on the left, and select the specific program(s) in which you are interested.

## CAREER PATHS

- Industrial and academic research and development
- Government, medical, and financial institutions
- Actuarial science (insurance, pensions, benefits)
- Statistics
- Computer science
- Economics
- Consulting
- Management
- Graduate programs in mathematics, statistics, actuarial science, operations research and such related fields as economics
- Education (if enrolled in concurrent program)
- Law (with additional studies)
- Medicine (with additional studies)

According to yearly editions of *The Jobs Rated Almanac*, which rates the top 200 jobs using such criteria as income, outlook, security, stress and work environment, careers based on mathematics make up the bulk of the Top 10 jobs. In 2015, actuary was first, mathematician was third, statistician was fourth, and data scientist was sixth. Most of the top 100 involved math.

## ADMISSION REQUIREMENTS

The minimum admission average is 70% and the mean admission average is 86%. Six Grade 12 U or M courses, including ENG4U, MHF4U, and MCV4U.

## FINANCIAL AID

For entrance and in-course award opportunities, please visit our Award Search at [my.uwindsor.ca](http://my.uwindsor.ca). Click on the Financial Matters heading and then Search for Awards in the sidebar.

In addition to entrance awards, the **Outstanding Scholars Program** attracts top high school students entering any first-year honours undergraduate program at the University of Windsor.

Approximately 100 high-achieving, first-year students will be offered status as an Outstanding Scholars Candidate in Year 1 of their studies. The goal of this program is to challenge and stimulate students by providing them with the unique opportunity of holding an undergraduate academic appointment in their second year of studies and beyond where students will work closely with faculty on academic research projects.

For more information, please visit: [uwindsor.ca/outstandingscholars](http://uwindsor.ca/outstandingscholars)

### STUDENT RECRUITMENT OFFICE

Phone: 519-973-7014  
Toll-Free (Canada/US): 1-800-864-2860  
Email: [info@uwindsor.ca](mailto:info@uwindsor.ca)  
[uwindsor.ca/future](http://uwindsor.ca/future)

### DEPARTMENT OF MATHEMATICS AND STATISTICS

Phone: 519-253-3000, Ext. 3015  
Email: [mthsta2@uwindsor.ca](mailto:mthsta2@uwindsor.ca)  
[uwindsor.ca/math](http://uwindsor.ca/math)