the world needs your math skills
needs skills

The study of mathematics is an intense but satisfying preparation for just about any career path you desire.

Employers want the analytical, quantitative, and creative problem-solving skills you acquire as a math student at Waterloo. If you think you love mathematics now, just wait until you get to Waterloo!

90% of Waterloo Mathematics graduates are employed within 6 months of graduation

over 32,000 Waterloo BMath and BCS grads in over 100 COUNTRIES
Have a major in mind?
In most cases, you can wait until the end of first year or later to choose a major. Most of the majors described in this brochure start in second year. The following pages explain the entry program for each major.

Take core courses
Because all first-year students take the same core math courses, there are few limits to your choice of major.

Advanced sections of all core courses
Honours and advanced sections of algebra, calculus, and computer science are available.

TIP: If you score above 80 on the Euclid Contest, consider taking the advanced sections of Algebra and Calculus. uwaterloo.ca/math/FYS

Sample first-year schedule
FALL
MATH 135 Algebra for Honours Mathematics
MATH 137 Calculus 1
CS 115 Introduction to Computer Science 1
1 communication course
1 non-math elective

WINTER
MATH 136 Linear Algebra 1
MATH 138 Calculus 2
CS 116 Introduction to Computer Science 2
1 communication course
1 non-math elective

Waterloo Mathematics actively recruits the best mathematics students worldwide

40% of first-year students call a country other than Canada home

60% of first-year students call Canada home

a multinational place to learn - students in the Faculty of Mathematics come from

87 DIFFERENT COUNTRIES
regular and co-op

it’s up to you

Regular – fast track to graduation
If you want to graduate sooner to start your career or attend graduate school, then the regular system of study is an option for you. The Centre for Career Action can help you find a great summer job or make sure you’re on the right career path. Get the details: uwwaterloo.ca/career-action

Regular takes less than 4 years to complete
In regular, you’ll have summers off between academic terms to work, study, or travel.

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TERM</th>
<th>F</th>
<th>W</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>YEAR 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>YEAR 2</td>
<td></td>
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<tr>
<td>YEAR 3</td>
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<tr>
<td>YEAR 4</td>
<td></td>
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</tbody>
</table>

Co-op – earn as you learn
Through co-op you’ll have opportunities to explore potential career paths. You’ll make career contacts and pick up transferable skills that will be an asset after graduation. Get the details: uwwaterloo.ca/co-operative-education

Get the Math co-op advantage
» 4,024 co-op employers worldwide
» Up to 24 months of paid experience
» Average earnings per 4-month work term are $10,100 to $16,800
» Total earnings over 6 work terms can be $58,475 to $92,500

Pick the study/work sequence you prefer
In co-op, you’ll alternate study and paid work terms. For most Math majors, you’re able to pick the sequence you prefer.

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
<th>YEAR 4</th>
<th>YEAR 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>TERM</td>
<td>F</td>
<td>W</td>
<td>S</td>
<td>F</td>
</tr>
<tr>
<td>SEQ 1</td>
<td>Study</td>
<td>Study</td>
<td>Work</td>
<td>Study</td>
</tr>
<tr>
<td>SEQ 2</td>
<td>Study</td>
<td>Study</td>
<td>Work</td>
<td>Study</td>
</tr>
<tr>
<td>SEQ 3</td>
<td>Study</td>
<td>Study</td>
<td>Off</td>
<td>Study</td>
</tr>
<tr>
<td>SEQ 4</td>
<td>Study</td>
<td>Study</td>
<td>Study</td>
<td>Work</td>
</tr>
<tr>
<td>CFM</td>
<td>Study</td>
<td>Study</td>
<td>Work</td>
<td>Study</td>
</tr>
<tr>
<td>DOUBLE DEGREE</td>
<td>Study</td>
<td>Study</td>
<td>Work</td>
<td>Study</td>
</tr>
<tr>
<td>MATH/CPA</td>
<td>Study</td>
<td>Study</td>
<td>Off</td>
<td>Study</td>
</tr>
</tbody>
</table>
For Statistics and Actuarial Science student Lisa, adding a Finance option to her double major was just one more way the freedom and flexibility built into a degree from the Faculty of Mathematics allowed her to complete everything she wanted – including being a part of the Actuarial Science Club. Lisa’s undergraduate research assistantship with 2 on-campus professors helped her discover the relationship between research and industry application – a skill that has given her the edge while on co-op at big-name companies.
Use mathematics, data-based investigation, and quantitative skills to work collaboratively across industries.

Actuarial Science BMath

What is Actuarial Science?
Actuarial Science is the application of statistics, probability, and risk theory to real-life financial problems involving future uncertainty. Actuaries address the uncertainties associated with life insurance, property insurance, and casualty insurance, annuities, and pensions or other employee benefit plans. You may begin working toward your professional designation as early as second year and complete as many as 4 or 5 related exams by graduation.

Focus your studies » Finance option

Statistics BMath

What is Statistics?
Statistics plays a role in all aspects of data-based investigation, from the design of studies and surveys to the empirical discovery of patterns in data and to the determination of principal causes of an important effect. It is the science of drawing reliable conclusions from data using data collection, analysis, interpretation, and presentation. Statisticians are skilled in hypothesis testing, forecasting and predicting, and inferring and deducing. They work collaboratively with various sectors including medicine, business, government, and academia.

Statistics for Health BMath

What is Statistics for Health?
Effective health-care research teams need members who have strong quantitative and data-based decision-making skills. Drawing from Waterloo’s strengths in statistics, biostatistics, computer science, health studies, gerontology, and economics, Statistics for Health focuses on research in the areas of clinical, public, and population health. The only program of its kind in Canada, Statistics for Health uniquely positions its graduates for successful careers in the quantitative sector of the health-care industry.
At Waterloo, collaboration is a key part of success. Mathematical Physics student Samantha was nervous that she would be unprepared for university. After talking with Professor Brian Ingalls – whose advice was to work hard and push yourself – those fears subsided. A few years later, Samantha met Professor Ingalls once more when she joined Waterloo’s iGEM Mathematical Modelling team. Now, as part of an award-winning team of mathematicians, engineers, and biologists, she’s well on her way to building a solid foundation in mathematics and physics and completing a minor in biology.
Applied Mathematics BMath

What is Applied Mathematics?
Applied Mathematics is the application of mathematical methods to solve problems that arise in science, engineering, medicine, business, and industry – from quantum to cosmology and everything in between. Partnerships with the Institute for Quantum Computing and Perimeter Institute for Theoretical Physics position Applied Mathematics students for exclusive academic and career opportunities.

Focus your studies » Biology option, Earth Sciences option, Economics option, Physics option, Applied Mathematics with Engineering electives, Scientific Computation/Applied Mathematics

Combinatorics and Optimization BMath

What is Combinatorics and Optimization?
Combinatorics is the study of discrete structures and their properties and thus is indispensable to computer science. Optimization – also known as mathematics programming – is the study of maximizing and minimizing functions subject to specific conditions or constraints. Besides its importance to various branches of mathematics, the functions to be optimized arise in management sciences, engineering, and physical sciences.

Mathematical Optimization BMath

What is Mathematical Optimization?
This field of mathematics quantifies complex management problems in business and government into mathematical models. Then through sophisticated computing techniques, it identifies optimal solutions. Optimization, statistics, and computer science uniquely converge into this mathematics program with broad business applications. Students with these sophisticated business skills are in high demand.

Focus your studies » Operations Research specialization, Business specialization

Mathematical Physics BMath
(BSc is available through the Faculty of Science)

What is Mathematical Physics?
Mathematical Physics is the application of advanced mathematical methods to solve problems rooted in physics. This field is exploding with advancements in everything from fundamental physics to quantum mechanics. You’ll take an integrated set of math and physics courses during your undergraduate career.
Our Mathematics/Teaching program prepares students for success

Motivating students and helping them go from frustrated to successful is what keeps Mathematics/Teaching student Ryan going. When Ryan learned that at Waterloo he could graduate with a Bachelor of Mathematics and complete 8 months of paid work experience in the classroom, he knew it was the program for him. With French as his second teachable subject, Ryan’s dream of teaching mathematics in a second language is within his grasp.
Focus on the mathematics you love, or broaden your scope – it’s all possible.

**Computational Mathematics** BMath

*What is Computational Mathematics?*

Solving industrial-sized problems was next to impossible until recently. Now the power of computers can be harnessed to generate and run simulated mathematical models, producing data that can be mined for numerical solutions. Computational Mathematics is where math and computer science intersect to solve large-scale mathematical problems. These large problems arise in business, economics, engineering, finance, medicine, and science.

**Mathematics/Teaching** BMath, Co-op only

*What is Mathematics/Teaching?*

Mathematics/Teaching is a co-op program that provides more classroom experience than any other Bachelor of Education preparation program in Canada. In addition to the academic and co-op terms taken through Waterloo, Mathematics/Teaching students spend 2 terms (8 months) in the classroom before attending a Faculty of Education. A second teachable subject can be chosen from sciences or the arts. Graduates are prepared to apply to a Faculty of Education in Ontario to complete their B.Ed to teach at the intermediate and senior divisions, grades 7 to 12.

**Focus your studies** Mathematics/Teaching is a major that allows you to take a wide variety of math courses or focus your math courses on one of the disciplines mentioned in this brochure.

**WHERE THE BEST JOBS ARE**

For the past several years, careers in mathematics have been ranked as some of the best jobs out there. According to CareerCast, Forbes, and Fortune magazine...

- Data scientist
- Statistician
- Information security analyst
- Mathematician
- Software engineer
- Computer systems engineer
- Actuary
Would you fly across the world to study mathematics?

Pure Mathematics student Lirong knew that she wanted to study the beauty of theoretical mathematics. As a result, she flew to Canada from Guangzhou, China to study at Waterloo. It was the atmosphere, reputation, and faculty that stood out to her. However, she'll tell you it's not all math, all day – Lirong still finds time to hop on her bicycle and explore the cities of Kitchener and Waterloo. Between the Laurel trail, Iron Horse trail, and the UpTown loop, Lirong attends the events she likes, gets the exercise she loves, and still makes it to class on time.
**Mathematical Studies** BMath

**What is Mathematical Studies?**

Mathematics is the foundation of commerce, computing, engineering, and science. This program is the most flexible of all the Math programs. It provides you with a broad education in mathematics, including algebra, calculus, combinatorics, computer science, geometry, number theory, and statistics. If you enjoy mathematics and want the opportunity to hone your analytical, technical, and problem-solving skills but don’t want to narrow your focus on one major only, then this program is for you.

**Focus your studies** » Business specialization

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**Pure Mathematics** BMath

**What is Pure Mathematics?**

Pure Mathematics explores the boundary of mathematics and pure reason. It aims to creatively explore the why and how questions in mathematics. Pure Mathematics comprises algebra, number theory, analysis, geometry, topology, and logic. Most first-year students who lean towards majoring in Pure Mathematics take the advanced sections of calculus and algebra in preparation for upper-year courses. Pure Mathematics at Waterloo is a small, cohesive, and challenging program.

**Focus your studies** » Teaching

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**Communication Counts**

Employers are looking for more than just technical skills when recruiting. Strong communication skills are becoming a top priority, and in the Faculty of Mathematics we’re doing everything we can to help students develop these skills in order to succeed academically and professionally.

Through small classes, first-year students will complete 2 communication courses that will expand on their current skill set and prepare them for the workplace.

For more information visit: uwaterloo.ca/math/communication-counts

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“Communication skills are as important, or even maybe more important than technical skills depending on the situation.”

— Prabhakar Ragde, Professor
At Waterloo, your experience can cross borders

Abheek thought that studying Mathematics at Waterloo and Business Administration at Laurier was a good choice. It wasn’t until he learned more about Waterloo’s international exchange opportunities that he considered how a semester overseas could expand his world view. Working with an academic advisor, Abheek created a plan that would allow him to meet the requirements of both his degrees, complete all of his co-op terms, and spend a semester in France. He knows now that an exchange is the perfect complement to the technical skills you gain during your undergraduate career. It’s the type of experience that helps to shape you as a person.
Double degree programs
BBA and BMath or BBA and BCS, Co-op only

What is Business Administration and Mathematics Double Degree and Business Administration and Computer Science Double Degree?

Both Business Administration and Mathematics Double Degree and Business Administration and Computer Science Double Degree allow you to fast-track your way to the top by simultaneously earning 2 degrees from 2 outstanding universities – Business Administration (BBA) at Wilfrid Laurier University’s Lazaridis School of Business and Economics and Mathematics (BMath) or Computer Science (BCS) at Waterloo. We recommend you apply to both universities to maximize your chance of admission. The academic programs are identical regardless of which university you call home. You’re awarded scholarships, assigned residence, and provided access to the co-op process at your home institution.

<table>
<thead>
<tr>
<th>WILFRID LAURIER UNIVERSITY’S LAZARIDIS SCHOOL OF BUSINESS AND ECONOMICS</th>
<th>FACULTY OF MATHEMATICS AT WATERLOO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus your studies in one of the following areas</td>
<td>Actuarial Science, Applied Mathematics, Combinatorics and Optimization, Mathematical Finance, Mathematical Optimization, Pure Mathematics, Statistics</td>
</tr>
</tbody>
</table>

Mathematics/Business Administration BMath

What is Mathematics/Business Administration?

Mathematics/Business Administration is a single degree program that has graduated more than 1,800 students and has well-established ties with industry, capitalizing on its partnership with Wilfrid Laurier University’s Lazaridis School of Business and Economics.

<table>
<thead>
<tr>
<th>BUSINESS ADMINISTRATION AND MATHEMATICS OR BUSINESS ADMINISTRATION AND COMPUTER SCIENCE DOUBLE DEGREE</th>
<th>MATHEMATICS/BUSINESS ADMINISTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYSTEM OF STUDY</td>
<td>CO-OP ONLY</td>
</tr>
<tr>
<td>Total length of program</td>
<td>5 years</td>
</tr>
<tr>
<td>Total academic terms</td>
<td>10</td>
</tr>
<tr>
<td>Number of work terms</td>
<td>5</td>
</tr>
<tr>
<td>Number of courses</td>
<td>52</td>
</tr>
<tr>
<td>Number of elective courses</td>
<td>4</td>
</tr>
<tr>
<td>Spaces available</td>
<td>60 (BBA/BMath), 50 (BBA/BCS)</td>
</tr>
<tr>
<td>Degrees earned</td>
<td>Honours Co-op BMath (Waterloo) and Honours BBA (Laurier) or Honours Co-op BCS (Waterloo) and Honours BBA (Laurier)</td>
</tr>
</tbody>
</table>
Splitting your time between school and co-op gives you the chance to grow as you learn.

For Mathematics/Chartered Professional Accountancy student Abby, making the most of every opportunity comes naturally. She splits her time between the School of Accounting and Finance and the Faculty of Mathematics, learning from professors and industry leaders. At work, it’s about setting her own goals, pushing through limits, and building a foundation for her career. Abby loves the fast-paced environment both at work and in the classroom – the positive yet competitive energy from her classmates motivates her to be the best.
Mathematics/Chartered Professional Accountancy  BMath, Co-op only

What is Mathematics/Chartered Professional Accountancy?
Math/CPA is the only accounting program in Canada leading to a Bachelor of Mathematics degree. You’ll acquire a strong background in the mathematical field of your choice, complemented by equally focused studies in accounting, economics, and business-related topics. Students considering a Chartered Professional Accountant (CPA) designation should be aware of all CPA requirements, which can be found at cpaontario.ca.

Routes to a professional CPA designation for Waterloo Math/CPA students
Both routes provide you with all the academic course work currently required to pursue a professional CPA designation.

Experience the Waterloo accounting advantage
The School of Accounting and Finance is nationally accredited by CPA Canada. As a result, Math/CPA students will

» have the opportunity to gain up to 16 months of CPA-approved work experience through co-op work terms

» be exempt from the CPA Professional Education Program upon completion of the 8-month Master of Accounting (MAcc) program at Waterloo

Learn more about all the accounting programs at Waterloo: uwaterloo.ca/saf.

Mathematics/Financial Analysis and Risk Management  BMath

What is Mathematics/Financial Analysis and Risk Management?
In this undergraduate program you’ll choose to focus on either Financial Analysis or Risk Management.

Financial Analysis
Financial analysts use data and information from financial statements for investment, valuation, management compensation, capital budgeting, and other economic decisions. Selecting the financial analysis specialization will help you prepare for the Chartered Financial Analyst (CFA) designation, administered by the Chartered Financial Analyst Institute (CFAI). cfainstitute.org

Risk Management
Many of the business industry’s most sought-after positions require the mathematical and risk management skills you’ll gain in this program. The increasing focus on credit, operational, market, and financial risk management means graduates will have a wide range of career opportunities. Selecting the risk management specialization will help you prepare for a Professional Risk Manager (PRM) designation, offered through the Professional Risk Managers’ International Association (PRMIA): prmia.org
Sometimes it takes time to find where you belong

Mathematical Economics student, Deanna had always wanted to help people – the real struggle was finding exactly how to do so. After taking her first economics class, Deanna wanted to know more about the quantitative application of economics and statistics. As a result, she switched out of Peace and Conflict Studies and into Mathematical Economics – what she describes as the perfect combination of social science and mathematics. Spending study terms in upper year housing and co-op terms in the public and private sectors, Deanna knows exactly where she belongs and how she’ll help others.
Learn advanced mathematical and computational methods and help solve real world problems in the fields of finance, economics, and technology.

Computing and Financial Management
BCFM, Co-op only

What is Computing and Financial Management?
In Computing and Financial Management you’ll develop expertise in both computer science and finance. The financial industry needs professionals who understand complicated business and financial management concepts and know how to design and implement the software tools that get the job done. Combine this interdisciplinary knowledge with 6 co-op terms and you’ll have the know-how, the networks, and the professional experience to become a future leader in the information technology or finance industries.

Information Technology Management BMath

What is Information Technology Management?
Information Technology Management is an undergraduate program that gives students a strong and broad-based education in business, mathematics, and information technology. Students are established as leaders of tomorrow by integrating cutting-edge technology solutions with contemporary business processes.

Mathematical Economics BMath

What is Mathematical Economics?
In modern-day economics, a thorough understanding of mathematics has become a vital tool for success. In this exciting program offered jointly by the Faculty of Mathematics and the Department of Economics in the Faculty of Arts, students can prepare for a dynamic career in government and industry by combining studies in economics and mathematics.

Mathematical Finance BMath

What is Mathematical Finance?
Designed for students with elite mathematical abilities, this major is the most advanced undergraduate finance program in the world. Offered jointly by Actuarial Science and Pure Mathematics, Mathematical Finance focuses on the theory behind financial markets. The program builds quantitative skills through courses in stochastic calculus, differential equations, risk management, derivatives pricing, and probability.

most Mathematical Finance students
SCORED 80 OR HIGHER on the Euclid mathematics contest
How pink became a Math thing

Pink ties, pink walls, and pink brochures at Waterloo— all of these are inspired by one of Waterloo's most forward-thinking founders, Ralph Stanton, who conceived fresh approaches to education in mathematics and computer science. The tradition of the pink tie that we celebrate today has its origins in a pink tie that Professor Stanton wore when he taught the first mathematicians at Waterloo in 1959. When you visit campus, be sure to drop by the "Math tie showcase" in the Math and Computer building.
all in a day’s work

Being a Mathie is about more than just numbers

Whether it’s statistics or pure mathematics, combinatorics and optimization, or finance and economics, there’s a club for everyone here in the Faculty of Mathematics; at the centre of it all is Mathematics Society. The Mathematics Society or MathSoc office is a hub of activity for students. It’s here you’ll find a place to print, photocopy, and grab a stapler for your assignments. It’s also where you’ll be able to rent out board games, textbooks, and a locker and locker space, or purchase novelties like T-shirts, sweatpants, and more. Most importantly, the office is where you’ll go to get your calculator “pink tie approved.”
**Mathematics**

<table>
<thead>
<tr>
<th>PROGRAM (APPLY TO)/ SYSTEM OF STUDY</th>
<th>AREA OF STUDY</th>
<th>REQUIRED COURSES - GRADE 12 U UNLESS OTHERWISE SPECIFIED, MINIMUM REQUIREMENTS: 6 GRADE 12 U OR M COURSES, INCLUDING ALL REQUIRED COURSES</th>
<th>ADMISSION AVERAGE (INCLUDES REQUIRED COURSES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration (Laurier) and Computer Science (Waterloo) Double Degree Co-op</td>
<td>Business Administration (Laurier) and Computer Science (Waterloo); specializations on page 13</td>
<td>Advanced Functions, Calculus and Vectors, any 12 U English, one other Grade 12 U course, Admission Information Form</td>
<td>Individual selection* from the low 90s</td>
</tr>
<tr>
<td>Business Administration (Laurier) and Mathematics (Waterloo) Double Degree Co-op</td>
<td>Business Administration (Laurier) and Mathematics (Waterloo); specializations on page 13</td>
<td></td>
<td>Individual selection* from the high 80s</td>
</tr>
<tr>
<td>Computer Science Regular/Co-op</td>
<td>Computer Science (BCS), Computer Science (BMath)</td>
<td></td>
<td>Individual selection* from the low 90s</td>
</tr>
<tr>
<td>Mathematics/Business Administration Regular/Co-op</td>
<td>Information Technology Management, Mathematical Economics; available beginning in second year</td>
<td></td>
<td>Individual selection* from the mid 80s</td>
</tr>
<tr>
<td>Mathematics/Chartered Professional Accountancy Co-op</td>
<td>Mathematics/Chartered Professional Accountancy Open to Canadian citizens and Permanent Residents only</td>
<td></td>
<td>Individual selection* from the high 80s</td>
</tr>
<tr>
<td>Computing and Financial Management Co-op</td>
<td>Computing and Financial Management</td>
<td>English (min. 75%), Advanced Functions, Calculus and Vectors, one other Grade 12 U course, Admission Information Form</td>
<td>Individual selection* from the low 90s</td>
</tr>
</tbody>
</table>

*Individual selection speaks to content submitted on the Admission Information Form. Admission decisions are strongly based on academic performance, but extra-curricular activities and extenuating circumstances are also taken into consideration.

**Admission notes:**

- Admission decisions are based on your high school grade average, including required courses. Students may be penalized on their Admission Information Form (AIF) score for repeated courses and required courses taken outside of regular day school.
- The AIF is to be submitted after applying through OUAC. The AIF includes questions about your extracurricular activities and work experience. Completion of an AIF is required for admission to all programs.
- If you’re not offered admission to the program of your choice, you may be considered for other Mathematics programs.

**After you’ve applied**

- Watch for our email with your Waterloo ID number and details on what to do next.

**It’s worth the wait**

- In an effort to base our decisions on the most relevant grades possible, most admission offers for Mathematics programs are made in early May. We base our decisions on your interim or final grades for all required courses and your Admission Information Form.

**English language requirements**

If English is not your first language and your 4 most recent years of full-time education have not been taught in English, you’ll be required to submit one of these English language test scores.

<table>
<thead>
<tr>
<th>INTERNET-BASED TOEFL</th>
<th>IELTS</th>
<th>MELAB</th>
<th>CAEL</th>
<th>PTE (ACADEMIC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>90; writing: 25; speaking: 25</td>
<td>6.5 overall, 6.5 writing, 6.0 speaking, 6.0 reading and 6.0 listening</td>
<td>85: 80 per section; for co-op programs: 3 speaking</td>
<td>70 overall; 60 per band; 70 writing; 70 speaking</td>
<td>63 overall; 65 writing; 65 speaking</td>
</tr>
</tbody>
</table>

Students with an overall IELTS score of 7.0 and no band score below 6.0 may be given individual consideration for admission to full-time undergraduate studies. Get deadlines and other details: [uwaterloo.ca/findoutmore/admissions](http://uwaterloo.ca/findoutmore/admissions).

**Math/English Language for Academic Studies (Math/ELAS)**

For strong applicants who need additional training to meet our English language requirements, instead of receiving a direct offer of admission to the program you applied to, you may receive an alternative offer of admission to Math/ELAS. Find out more: [uwaterloo.ca/math/elas](http://uwaterloo.ca/math/elas).
financing your education

When thinking about university, it’s important to prepare a realistic budget for your first 8 months (2 terms).

» List your financial needs: tuition and other student fees, residence fees, books, supplies, living expenses. uwaterloo.ca/findoutmore/financing
» List the financial resources available to fund your education: family savings, RESP, co-op earnings (if applicable).
» Augment your resources, if you’re eligible, with scholarships, provincial financial aid (like Ontario’s OSAP program), and a Waterloo Entrance Bursary.
» You only pay 4 months (1 term) at a time.

Entrance scholarships

| President’s and Merit Scholarships | Scholarships ranging in value from $1,000 to $5,000 – awarded to all students who meet marks criteria |
| Faculty of Mathematics Scholarships | Scholarships ranging in value from $2,000 to full cost |
| Faculty of Mathematics Entrance Scholarships | 150 scholarships ranging in value from $2,000 to $10,000 |

Based on marks:
85-89.9% – $1,000;
90-94.9% – $2,000;
≥95% – $2,000+ up to $5,000

Based on application, high academic performance, and outstanding extracurricular achievements

Participate in contests

Get contest preparation resources, registration details, and deadlines: cemc.uwaterloo.ca.

Euclid Mathematics Contest

While the Euclid Mathematics Contest is not required for admission, your participation is strongly encouraged, and is an asset to your application. The contest is required for Entrance Scholarship consideration. The contest will be written in your high school on April 6, 2017.

Canadian Computing Competition (CCC)

The CCC is not required for admission, but a high score may be an asset for admission to the Cheriton School of Computer Science programs. The CCC will be written on February 22, 2017.

Important dates for September 2017 admission

February 6, 2017
Deadline for Faculty of Mathematics Scholarship Application

March 31, 2017
Application and fees to OUAC

April 7, 2017
Deadline for supporting documents to reach Waterloo. Get the details: uwaterloo.ca/findoutmore/applicants

Join us on campus for these events

Fall Open House
November 5, 2016

March Break Open House
March 18, 2017

Get specific event dates and details or plan an alternate visit to campus: uwaterloo.ca/findoutmore/visit-waterloo