OUR SCHOLARSHIPS
Scholarships for Canada’s Best and Brightest Future Leaders!
In 2017-2018, we awarded $23 million to 7,950 undergraduate students, including more than $12.3 million in need-based awards to 5,185 students!

TOP SCHOLARSHIPS
12 scholarships worth $42,000 each over four years.

President's Scholarships
We have eight President’s Scholarships that recognize students entering with a minimum 90% admission average who have made significant leadership contributions to their schools and communities.

Chancellors' Scholarships
Two scholarships every year recognize students entering with a minimum 90% admission average who have made significant leadership contributions to their schools and communities, and have demonstrated an interest in arts and culture, or international relations and development.

The Lincoln Alexander Scholarships
Two of these scholarships are given each year to recognize students entering with a minimum 90% admission average who have made significant leadership contributions to their school and communities. In addition, students must be Aboriginal; or a person with a disability; or a member of a racial minority.

University of Guelph Entrance Scholarships
- Students with an admission average of 90.0%–98.9% are guaranteed $2,000
- Students with an admission average of more than 90% are guaranteed $3,000
- Application not required, you will be considered automatically based on your admission average

Board of Governors’ Scholarships
- 25 awards of $20,000 payable over four years
- Recognizing students with outstanding academic excellence
- Application not required

Accessibility Bursaries
- 200 awards of $14,000 payable over four years of study are given to students with demonstrated financial need
- $5,000 in year one and $3,000 per year in years two, three and four

Registrar's Entrance Bursaries
- 500 awards of $4,000 for the first year of study
- For students with demonstrated financial need

If you are eligible for scholarships and/or entrance awards you will know the total amount of your award(s) before the deadline to accept your offer of admission – another way we make it easy to choose U of G!

Find the scholarship that’s right for you!
uoguelph.ca/studentfin

Contact Us
Recruitment Officer
School of Computer Science
liaison@socs.uoguelph.ca
519-824-4120 x53550
uoguelph.ca/computing

University of Guelph
50 Stone Road East
Guelph, Ontario
Canada
N1G 2W1

COME FOR A VISIT
admission.uoguelph.ca/tours

@UofGComputing: Just an hour left in hacking time for the 36-hr #GuelphHacks for Mental Health!
**BACHELOR OF COMPUTING**

**Computer Science Major**

Help explore problems, build innovative computing solutions and contribute to the evolution of technology. This major will provide you with a theoretical foundation in computer science, as well as practical experience in software development and an introduction to hardware. You will explore pressing computer science issues, from large system software development to emerging technologies. This major will focus on programming and the theory of computation, with plenty of flexibility in selecting computer science electives to fit your interests, such as Computational Intelligence, Computer Security, Game Programming and Human Computer Interaction.

**YOUR FIRST YEAR IN THE COMPUTER SCIENCE MAJOR**

Semester 1
- *CS11300 Programming*
- *CS11910 Discrete Structures in Computing I*
- *MATH1200 Calculus I*
- 2 electives which may include courses in your Area of Application

Semester 2
- *CS22500 Intermediate Programming*
- *CS22910 Discrete Structures in Computing II*
- *MATH1160 Linear Algebra I*
- 2 electives which may include courses in your Area of Application

**Software Engineering Major**

Contribute to innovative and cutting-edge software design. Providing a foundation in computer science concepts, this program focuses on team-based software development and professional standards. This major provides an excellent background in design and development, as well as the implementation and the evolution of software. Students’ soft skills such as communication and teamwork will be enhanced and strengthened. You will have a unique opportunity to take courses on different aspects of software engineering, including design methods, team interactions, communications and managing real-world software engineering projects.

**YOUR FIRST YEAR IN THE SOFTWARE ENGINEERING MAJOR**

Semester 1
- *CS12500 Software Design I*
- *CS12300 Programming*
- *CS12910 Discrete Structures in Computing I*
- 2 electives which may include courses in your Area of Application

Semester 2
- *CS22500 Software Design II*
- *CS22900 Intermediate Programming*
- *MATH1160 Linear Algebra I*
- 2 electives which may include courses in your Area of Application

Curious about courses in your second, third or fourth year? Check out the Academic Calendar. Go to admission.uoguelph.ca/degrees and follow the link.

**ONTARIO ADMISSION REQUIREMENTS**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>English</th>
<th>Calculus and Vectors</th>
<th>4 additional courses</th>
</tr>
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<tr>
<td><strong>Ontario High School Requirements</strong></td>
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<td><strong>Note</strong></td>
<td>Computing and Data Management courses are recommended</td>
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**Make Your Degree Your Own**

Computing intersects with many different fields and industries. You will have the opportunity to broaden your skills and knowledge by studying a secondary area that is of interest to you.

This Area of Application is a set of 8 courses from another discipline. There are over 40 different disciplines to choose from, some of which are:

- Physics
- Mathematics
- History
- Economics
- Music
- Geographical Information Systems

**EXPRESSIONS OF INTEREST**

Choose one of the following expressions of interest to indicate your area of application:

- Biology
- Chemistry
- Cognitive Science
- Economics
- English
- French
- German
- History
- Mathematics
- Music
- Physics
- Psychology
- Social Sciences

**Soft Skills**

- Communication
- Teamwork
- Leadership
- Problem Solving
- Creativity
- Critical Thinking
- Adaptability
- Time Management
- Project Management
- Networking
- Professionalism

**Ontario ADMISSION REQUIREMENTS**

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**CO-OP OPPORTUNITIES**

**Gaining Work Experience**

While receiving hands-on experience in your courses, you may want to apply your skills and gain work experience before you graduate. We offer co-op with both of our majors. All co-op work terms are full-time, paid positions relevant to your field where you can experience different work environments and develop networks.

Co-op terms are organized into four and eight-month blocks. During the eight-month co-op term, you can choose to have two jobs at different companies for four months each, or one eight-month job at one company.

**PREVIOUS POSITIONS**

- Software Development Engineer — Amazon
- Test Application Developer — BlackBerry
- Web Developer — Sandbox Solutions
- Development Student — Bruce Power
- Software Developer — IBM
- IT Analyst — Federal Economic Development Agency
- Software Development Engineer — Microsoft
- Cryptic Material Systems Analyst — Government of Canada

**CO-OP SCHEDULE**

<table>
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<tr>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
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<tbody>
<tr>
<td>Year 1</td>
<td>Regular Study</td>
<td>Regular Study</td>
</tr>
<tr>
<td>Year 2</td>
<td>Regular Study</td>
<td>Regular Study</td>
</tr>
<tr>
<td>Year 3</td>
<td>Co-op</td>
<td>Regular Study</td>
</tr>
<tr>
<td>Year 4</td>
<td>Regular Study</td>
<td>Co-op</td>
</tr>
<tr>
<td>Year 5</td>
<td>Regular Study</td>
<td>Regular Study</td>
</tr>
</tbody>
</table>

When choosing co-op, you will be adding 12 months to your degree.

**Beyond The Code**

The Centre for Business and Student Enterprise (CBASE), housed within the College of Business and Economics, connects young leaders with opportunities for growth. We offer courses on startup incubation, entrepreneurship support and experiential learning opportunities.

Please visit: http://www.uoguelph.ca/cbase/