

Computing Program Meeting



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Academic Advisor

Sarah Brennan

- B.A. Criminology and Psychology - Wilfrid Laurier University
- M.A. Criminology and Criminal Justice Policy (CCJP) - University of Guelph



Academic Advisor

Greg Klotz

- B.Sc. Applied Computer Science – Ryerson Polytechnic University
- M.Sc. Computer Science – University of Guelph
- Ph.D. Computer Science – University of Guelph



What We'll Cover Today

1. How We Can Help
2. Degree Requirements
3. Academic Policies
4. Succeeding at University
5. Help at UofG

How We Can Help

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IMPROVE LIFE.

How We Can Help

- We provide academic advising to Bachelor of Computing students: understanding your academic options
- We can help with questions related to:
 - Course selection, dropping courses, academic policies, graduation requirements

How We Can Help

- If you are not sure what help is available or how to get help
 - Ask us

How We Can Help

- Try to ask for help early or as soon as possible
- Sometimes there are less options later

Computing Academics



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Food Science

Computing Degrees

- Bachelor of Computing General (BCG) degree
- Bachelor of Computing Honours (BCH) degree
 - Major in CS, with AoE, or
 - Major in SENG, with AoE
 - Optional Co-op

Computing Degrees

BCG

- 15.0 credits
- Max 6.0 credits at the 1000 level
- CIS courses, arts/social science electives, science electives
- No major, no minor, no co-op
- 3 years

BCH

- 20.0 credits, 22.5* with COOP
- Max 6.0 credits at the 1000 level
- CIS courses, Area of Emphasis, electives
- 70.000% minimum CIS average at time of graduation
- 4 years, 5 with Co-op

Majors

CS

- A little more math and theory
- Requires MATH*1200, CIS*2910, CIS*3150, CIS*4650

SENG

- A little more focused on teamwork based problem solving and software development
- Software Design 1 through 5
- Not an accredited Engineering degree

Area of Emphasis

- New for students starting Bachelor of Computing, Honours in Fall 2025
- To graduate, students must declare and complete one Areas of Emphasis:
 - Cybersecurity
 - Artificial Intelligence
 - User Experience
 - Data Science
- Declare and plan your AoE early

AoE Cybersecurity

- The Cybersecurity Area of Emphasis equips students with the skills to protect computer systems and networks from cyber threats. Students will learn to identify security risks, implement cryptographic techniques, and design secure systems.
- Computer Networks, Security, Cryptography, Ethics, etc.

AoE Artificial Intelligence

- The AI Area of Emphasis focuses on teaching students how to design and build systems that can learn, reason, and solve problems like humans. Students will learn key AI techniques such as machine learning and neural networks. They will also explore the ethical implications of AI in society.
- Intelligent Systems, Image Processing and Vision, Computational Intelligence, Calculus 2, Statistics 2, etc.

AoE User Experience

- The User Experience Area of Emphasis is a study of user-centered design. Students will learn how to conduct research to understand user needs related to technology design, and learn to design, build and test interactive prototypes to validate their ideas.
- Web Design, UI Design, Human Computer Interaction, Statistics 2, etc.

AoE Data Science

- The Data Science Area of Emphasis focuses on the analysis and interpretation of large data sets to solve real-world problems. Students will learn data analysis, visualization, and machine learning techniques.
- System Modeling and Simulation, Databases, Data Science, Computational Intelligence, Calculus 2, Statistics 2, etc.

Minors

- Can theoretically declare and complete a minor.
- Challenging, most minors require 4.0 or 5.0 credits, needs careful planning.
- Your major requirements and AoE take priority.

CIS Electives

- Certain combinations of majors + AoEs will require additional CIS electives at the 3000/4000 level
- Some examples:
 - Data Science, Cloud Computing, Computer Networks, Introduction to Cryptography, Game Programming, Computer Science



General Academic Policies

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General Academic Policies

- Apply to all undergraduate students
- Adding courses, dropping courses, academic probation, credit/no credit, academic consideration

Dropping Courses

- Can drop a course until the last class day without academic penalty
 - It disappears from your transcript
 - Refund deadlines are different, less or none after a few weeks, can appeal
- If course is not dropped it will get a final grade which will be included in the GPA calculation and shown on the transcript.
- Failed courses stay on transcript, even if repeated and passed.

Academic Part Time

- Less than 2.0 credits registered in a semester is academically part time
 - Not average over multiple semesters
 - Transfer credits don't count
- Could cause problems with Co-op, student visa, post grad work permit, OSAP, etc.
- Can study at your own pace but will delay graduation. Schedule of study has 5 courses in each academic semester.

Academic Probation

- GPA below 60% places a student on academic probation
 - Need to start achieving 60% or higher semester averages, bringing up the GPA
 - At risk of being required to withdraw, out for at least two semesters

Credit/No Credit

- Up to 2.0 credits of electives can be taken for credit/no credit
- If the course grade is 50 or higher: CR
- If course grade is 49 or lower, failed, F
- Either way no grade on transcript
- Only courses outside specialization are eligible, have to request it by last class day

Academic Consideration

- When things go wrong for reasons outside your control
 - Medical, psychological, compassionate grounds
- We need to know what happened, so we know how to support you
 - Details kept as private as possible
- There are deadlines, try to connect as soon as possible

Final Exams

- Final exams are scheduled now. On WebAdvisor and Course Outline.
- Always write your exams, unless you are sick or can't
 - Deferred exam?
 - Otherwise, you will get a zero on the exam, final grade in course.

Succeeding at University



Succeeding at University

- Ask questions and ask for help
- Do simple things well, consistently
- Attend class, labs, office hours
- Submit things by the deadline
- University is a marathon, not a sprint

Supports

Supports

- Course help: professors, instructional lab coordinators, teaching assistants, tutors
- Student Wellness:
 - Health Services: doctors, nurses
 - Counselling Services: counsellors
 - Student Accessibility Services

Supports

- International Student Advisors
- Student Financial Services
- Co-op and Career Services
- Library: studying resources and workshops, SLGs
- Unsure? Ask us

Supports

- Ask for help if you have the sense that things are not going well or if something happens
 - There are usually more and better options the sooner you ask

Ask us

- cscouns@uoguelph.ca
 - Please try to explain your issue or concern as best you can
 - Email is the best way to start
 - We will also have drop-in office hours and scheduled appointments
 - Reynolds 1113, 1114
 - <https://www.uoguelph.ca/computing/current/academic-advising/>

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Up next

- Show you the academic pages with the details
- <https://calendar.uoguelph.ca/undergraduate-calendar/schedule-dates/>
- <https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/>
- <https://calendar.uoguelph.ca/undergraduate-calendar/degree-programs/bachelor-computing-bcomp/#text>
- <https://www.uoguelph.ca/computing/current/academic-advising/#academic-support>

Thank You



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