

Cognitive Science **SPECIALIST MAP**

BACHELOR OF COMPUTING HONOURS (SPECIALIZATION)



MORE WAYS YOU CAN:

GET THE COURSES YOU NEED

1ST AND 2ND YEAR

1st Year: take COGS 100 and two of PSYC 100 , LING 100, and PHIL 111 or PHIL 115.

Check out program-specific courses such as COGS 201, 300, 400, and 499.

GET RELEVANT EXPERIENCE

Volunteer or apply to work through **SWEP** at research labs such as the Department of Psychology **Language and Cognition Lab**, Linguistics or Philosophy.

Volunteer for **Code the Change** or **Science Rendezvous**.

GET CONNECTED WITH THE COMMUNITY

Attend the **Annual Conference of the Cognitive Science Society** or the **International Joint Conference on Artificial Intelligence**.

3RD AND 4TH YEAR

For Cognitive Science upper year requirements, see the **School of Computing Website**.

Look for research opportunities at School of Computing **Research Groups** like the **Computational Linguistics Laboratory**.

Join professional associations like the **Canadian Artificial Intelligence Association**.

Where could I go after graduation?

Human/computer interaction
User-interface/website designer
Language processing research
Linguist
Programmer for AI systems
Neuroscientist

*some careers may require additional training

WHAT CAN I LEARN STUDYING COGNITIVE SCIENCE AT QUEEN'S?

- Understand the links between cognition and computer systems and use this knowledge to design intelligent systems
- Deep understanding of Human Computer Interaction
- Computer programming and computational thinking

WHY STUDY COGNITIVE SCIENCE AT QUEEN'S?

Computers can play chess – could they one day diagnose illnesses or write symphonies? These are questions explored in our Cognitive Science program. Drawing from psychology, philosophy, linguistics, neuroscience, and computing, this program explores the science of the mind and thought.

Caution: This map is meant as a guide to suggest considerations throughout your university career. The activities, resources, and careers mentioned are possibilities – you are not restricted to them and don't have to follow this exact timeline.



SCHOOL OF
COMPUTING

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