Computer Science Co-op
Spring Info Session 2019
Computer Science Co-op

Program Staff:
Geoff Anderson, Director, Science Co-op Programs
Lisa Wise, Co-op Coordinator
Jan Stoyko and Ela Barros, Program Assistants
The Co-op Option

In 3rd and 4th year, students alternate between academic terms and work terms.

By graduation, students have 12 months of work experience with as many as three different employers.
The Co-op Option
Computer Science Major & Honours

<table>
<thead>
<tr>
<th>Year 3</th>
<th>FALL</th>
<th>WINTER</th>
<th>SUMMER</th>
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<tbody>
<tr>
<td></td>
<td>Study 3A</td>
<td>Work Term 1</td>
<td>Study 3B</td>
</tr>
<tr>
<td></td>
<td>(and Co-op prep!)</td>
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<tr>
<td>Year 4</td>
<td>Work Term 2</td>
<td>Study 4A</td>
<td>Work Term 3</td>
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<tr>
<td>Year 5</td>
<td>Study 4B</td>
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You will graduate later (by eight months), however we think the benefits are worth it….and so will you!
Other Undergraduate Programs

• Comp Sci / Mathematics Joint Honours
• Comp Sci / Physics and Astronomy Joint Honours
• Comp Sci / Statistics Joint Honours
# Typical Schedule

<table>
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<tr>
<th></th>
<th>FALL</th>
<th>WINTER</th>
<th>SUMMER</th>
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<tbody>
<tr>
<td>Year 2</td>
<td>Study 2A</td>
<td>Study 2B</td>
<td>Work Term 1</td>
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<tr>
<td>Year 3</td>
<td>Study 3A</td>
<td>Study 3B</td>
<td>Work Term 2</td>
</tr>
<tr>
<td>Year 4</td>
<td>Study 4A</td>
<td>Study 4B</td>
<td>Work Term 3</td>
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See the Co-op Office in December of 2\textsuperscript{nd} year
Registration for upcoming year

• Make it a priority to register for courses in July, otherwise you might be disappointed

• You are required to be a full time student, minimum of 3 courses every term while in the Co-op program – including Summer!

• Important courses for Fall: COMP 3380 and 3370

• **Register for winter term as well**, if you are accepted into Co-op and secure a position, we will have you removed from courses and registered in the work term
Other Situations

• Second degree?
• Transfer from another program or faculty?

Don’t make any assumptions, come and talk to the Co-op Coordinator
Benefits of Co-op

• Finance your University Education by working in a position that is relevant to your field of study

• Hourly Co-op Work Term Wages (In-town jobs):
  Average - $21.00
  Highest - $28.00
  Lowest - $18.00

• Apply what you learn “on the job” to future courses, often resulting in improved academic performance
Benefits of Co-op

- Gain exposure with up to three different employers

<table>
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<tr>
<th>In-town</th>
<th>Out-of-town</th>
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<tbody>
<tr>
<td>24-7 Intouch (Laiv.ly)</td>
<td>Electronic Arts (EA)</td>
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<tr>
<td>Norima Innovations</td>
<td>TRIUMF</td>
</tr>
<tr>
<td>Ubisoft</td>
<td>Amazon</td>
</tr>
<tr>
<td>Provincial and Federal Government</td>
<td>CSEC - Communications Security Establishment Canada</td>
</tr>
<tr>
<td>Payworks</td>
<td>IBM</td>
</tr>
<tr>
<td>Priceline</td>
<td>BlackBerry</td>
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<tr>
<td>U of M Research Labs</td>
<td>Research Labs (CJCP)</td>
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</table>
Chris and Liam developed SoilReader from the ground up. This new technology allows for precise analysis of multiple soil constituents in real time.
Nadege at TRIUMF in Vancouver! Using the web to make Science more accessible, she created a simulation of the detector that’s behind her here.
Co-op Students “livin’ the dream” at Ubisoft Winnipeg’s new studio!
Benefits of Co-op

• Increase your chances of securing the type of job you want when you graduate

• Gain valuable employability skills:
  - Resume and cover letter preparation
  - Interview skills (including plenty of practice!)
  - Professional communication skills and conduct
  - Project management skills
  - Build your confidence!
Benefits of Co-op

• Establish an extensive list of industry contacts: NETWORKING, NETWORKING, NETWORKING!

• Peer support, support from the Co-op Office and belonging to the Co-op “community”

• Provide some focus to your future career direction by discovering your preferences, interests and talents - what kind of work will be fulfilling for you?

• Ease the transition from University to career
Eligibility

• Be a student in the Computer Science Major or Honours Degree Program, or in one of the CS Joint Honours Programs

• Have completed the majority of 2nd year required CS courses, with not less than 54 credit hours passed

• Your GPA is important, but it’s not everything. Our minimum requirement is a 2.5 cumulative GPA

• Some work, project, or volunteer experience will improve your application package
How you apply:

• Sign up for an intake interview in the Co-op Resource Room (E2 497), which is available now. Last available interview date is May 17th – interviews begin on Monday!

• Create a careerCONNECT account by going to:  www.uofmcareerservices.ca

*You must use your “@myumanitoba.ca” email address to create this account*
How you apply:

- Complete the CS Co-op Intake Information Form (provided today, also available in E2 497 and 499). Submit the Intake Form with a copy of your resume and web transcript to the Co-op Office at least 2 days before your interview.

- Attend your intake interview, a 30 minute meeting.

- If you satisfy all eligibility requirements, following this meeting you will receive access to an online application in careerCONNECT to complete the rest of the process. The online application is due on May 24th.
How you apply:

PLEASE NOTE – The intake/application for CS Co-op is a 2 step process. Your intake interview AND the online application in careerCONNECT. Incomplete submissions will result in an ignored/declined application.
Co-op Student Responsibilities:

• Attendance at Co-op meetings and interviews
• Adherence to Co-op guidelines and deadlines
• Applying for Work Permit (International Students)
• Be proactive, professional and respectful in conduct and communication
• Once in Co-op, you must maintain full time student status, year round
• Uphold your academic standing
• Payment of work term fees ($550/term)
FAQ’s

• How do I get a Co-op job?

• Is there a fee to get in to Co-op?

• What if I haven’t completed all of the required second year courses?

• Can I find my own job?

• When will I find out if I’ve been accepted? If I don’t get accepted, can I apply again?
Co-op Information

http://coop.cs.umanitoba.ca
Additional Questions?
Deadline to submit your online application
Friday, May 24th
Co-op Office is located at E2 499, EITC
Office Hours are typically 9:00am – 4:00pm, Monday - Friday