## Required Courses

### Waterloo
- ☐ 7.5 CS Units
  - CS 1[134]5
  - CS 1[34]6
  - CS 240
  - CS 241
  - CS 245
  - CS 246
  - CS 251
  - CS 341
  - CS 350
  - CS 340-398; 440-489
  - CS 440-489
  - CS 440-489
  - CS 490
  - CS 492
- ☐ 4.0 Math Units
  - MATH 1[34]5
  - MATH 1[34]6
  - MATH 1[234]7
  - MATH 2[34]9
  - STAT 2[34]0
  - STAT 2[34]1
  - ENGL 25[05]
  - CO 25[05]
  - At least 60% in one of:
    - EMLS 101R
    - EMLS 102R
    - ENGL 109
    - ECON 120W
    - ECON 140W
    - BUS 354W
  - 1.5 BUS units
    - BUS 111W
    - BUS 121W
    - BUS 127W
    - BUS 231W
    - BUS 247W
    - BUS 283W
    - BUS 288W
    - BUS 352W
    - BUS 354W
    - BUS 359W
    - BUS 398W
    - BUS 481W
    - BUS 491W

### Laurier
- ☐ 7.5 BUS units
  - BUS 111W
  - BUS 121W
  - BUS 127W
  - BUS 231W
  - BUS 247W
  - BUS 283W
  - BUS 288W
  - BUS 352W
  - BUS 354W
  - BUS 359W
  - BUS 398W
  - BUS 481W
  - BUS 491W
  - 1.5 ECON units
    - ECON 120W
    - ECON 140W
    - ECON 2[56]0W

### Additional Requirements

- ☐ 2.0 Elective units from either universities
  - ☐
  - ☐
  - ☐
  - ☐

- ☐ Co-op constraints (for home university):
  - ☐ Waterloo: 4 or 5 co-op work terms, with at least 4 work reports and at least 5 PD courses (including PD 1, PD 10, and PD 11)
  - ☐ Laurier: 3 or 4 co-op work terms, with 1 work report per term and at least 1 comprehensive work report

### Additional Constraints

#### Waterloo
- ☐ CS major average of 60% or higher
- ☐ Cumulative average of 60% or higher
- ☐ Nine terms enrolled in at least three courses totaling 1.5 units
- ☐ No more than 2.0 units of failed courses
- ☐ No more than 5.0 units of unusable course attempts (failures and repeats of passed courses)

#### Laurier
- ☐ No more than 1 repeat³ in any course
- ☐ No more than 1.5 units repeated³ in year 1
- ☐ No more than 2.5 units repeated³
- ☐ Annual progression requirements:
  - ☐ Cumulative BUS GPA of 7.0 (B-)
  - ☐ Cumulative non-BUS GPA of 5.0 (C)
  - ☐ 5.0*n units completed after year n

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¹Only students in the accounting program may take BUS 486W as a BUS elective. BUS 486W is an anti-requisite for CS 490, so accounting students must take an additional CS 440-489 in place of CS 490.

²BUS electives include BUS 3xx/4xx or ENTR 2xx/3xx/4xx, but excludes BUS 415W and BUS 486W2.

³Repeating a passed course to meet pre-requisite requirements does count as a repeat. This applies to CS 135, CS 136, MATH 135, MATH 137 (50-59%) and MATH 127, MATH 128 (50-69%). This only applies when the NON-BUS GPA of 5.0 requirement has been satisfied.

Disclaimer: This checklist is a handy tool, but it is not a substitute for the official degree regulations. If there is a question of interpretation or a discrepancy, the University Calendar always takes precedence: [http://ugradcalendar.uwaterloo.ca/group/MATH-Computer-Science-1](http://ugradcalendar.uwaterloo.ca/group/MATH-Computer-Science-1). You may complete the checklist and ask a CS advisor to review it, but the student is ultimately responsible for ensuring that they have met their degree requirements.