

# 2019-20 Business Administration & Computer Science Double Degree

- Under **Required Courses** and **Electives**, check off the fifty-two (52) unique courses (26.0 units) that you have earned university credit for. Elective Units can be *any* course for which you received university credit.
- Verify that the **Required Courses** and **Additional Requirements** also satisfy the **Additional Constraints**.

## Required Courses Waterloo

- |  |  |
|--|--|
| <input type="checkbox"/> 7.5 CS Units        | <input type="checkbox"/> 4.0 Math Units          |
| <input type="checkbox"/> CS 1[134]5          | <input type="checkbox"/> MATH 1[34]5             |
| <input type="checkbox"/> CS 1[34]6           | <input type="checkbox"/> MATH 1[34]6             |
| <input type="checkbox"/> CS 240              | <input type="checkbox"/> MATH 1[234]7            |
| <input type="checkbox"/> CS 241              | <input type="checkbox"/> MATH 1[234]8            |
| <input type="checkbox"/> CS 245              | <input type="checkbox"/> MATH 2[34]9             |
| <input type="checkbox"/> CS 246              | <input type="checkbox"/> STAT 2[34]0             |
| <input type="checkbox"/> CS 251              | <input type="checkbox"/> STAT 2[34]1             |
| <input type="checkbox"/> CS 341              | <input type="checkbox"/> CO 25[05]               |
| <input type="checkbox"/> CS 350              | <input type="checkbox"/> At least 60% in one of: |
| <input type="checkbox"/> CS 340-398; 440-489 | <input type="checkbox"/> EMLS 101R               |
| <input type="checkbox"/> CS 340-398; 440-489 | <input type="checkbox"/> EMLS 102R               |
| <input type="checkbox"/> CS 440-489          | <input type="checkbox"/> EMLS/ENGL 129R          |
| <input type="checkbox"/> CS 440-489          | <input type="checkbox"/> ENGL 109                |
| <input type="checkbox"/> CS 490 <sup>1</sup> | <input type="checkbox"/> SPCOM 100               |
| <input type="checkbox"/> CS 492              | <input type="checkbox"/> SPCOM 223               |

## Required Courses Laurier

- |  |   |
|--|---|
| <input type="checkbox"/> 7.5 BUS units | <input type="checkbox"/> 3.0 BUS electives <sup>2</sup> |
| <input type="checkbox"/> BUS 111W      | <input type="checkbox"/>                                |
| <input type="checkbox"/> BUS 121W      | <input type="checkbox"/>                                |
| <input type="checkbox"/> BUS 127W      | <input type="checkbox"/>                                |
| <input type="checkbox"/> BUS 231W      | <input type="checkbox"/>                                |
| <input type="checkbox"/> BUS 247W      | <input type="checkbox"/>                                |
| <input type="checkbox"/> BUS 283W      | <input type="checkbox"/>                                |
| <input type="checkbox"/> BUS 288W      | <input type="checkbox"/> 1.5 ECON units                 |
| <input type="checkbox"/> BUS 352W      | <input type="checkbox"/> ECON 120W                      |
| <input type="checkbox"/> BUS 354W      | <input type="checkbox"/> ECON 140W                      |
| <input type="checkbox"/> BUS 362W      | <input type="checkbox"/> ECON 2[56]0W                   |
| <input type="checkbox"/> BUS 375W      |   |
| <input type="checkbox"/> BUS 393W      |   |
| <input type="checkbox"/> BUS 398W      |   |
| <input type="checkbox"/> BUS 481W      |   |
| <input type="checkbox"/> BUS 491W      |   |

## Additional Requirements

- 2.0 Elective units from either universities
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- 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)

## Additional Constraints Laurier

- No more than 1 repeat<sup>3</sup> in any course
- No more than 1.5 units repeated<sup>3</sup> in year 1
- No more than 2.5 units repeated<sup>3</sup>
- 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*

<sup>1</sup>Only 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.

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

<sup>3</sup>Repeating 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>. 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.