

# 2021-2022 Business Administration & Computer Science Double Degree

1. Please watch the "[How to Pick Your CS Checklist and Fill it in](#)" video.
2. Under **Required Courses** and **Electives**, check off the forty unique courses (20.0 units) that you have earned university credit for. **Additional Elective Units** can be *any* course for which you received university credit.
3. Verify that the **Required Courses** and **Electives** also satisfy the **Additional Constraints**.

## Required Courses – Waterloo

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> <b>7.5 CS Units</b>       | <input type="checkbox"/> <b>4.0 Math Units</b> | <input type="checkbox"/> <b>At least 60% in one of:</b> |
| <input type="checkbox"/> CS 1[134]5                | <input type="checkbox"/> MATH 1[34]5           | <input type="checkbox"/> EMLS 101R                      |
| <input type="checkbox"/> CS 1[34]6                 | <input type="checkbox"/> MATH 1[34]6           | <input type="checkbox"/> EMLS 102R                      |
| <input type="checkbox"/> CS 240                    | <input type="checkbox"/> MATH 1[234]7          | <input type="checkbox"/> EMLS/ENGL 129R                 |
| <input type="checkbox"/> CS 241                    | <input type="checkbox"/> MATH 1[234]8          | <input type="checkbox"/> ENGL 109                       |
| <input type="checkbox"/> CS 245                    | <input type="checkbox"/> MATH 2[34]9           | <input type="checkbox"/> SPCOM 100                      |
| <input type="checkbox"/> CS 246                    | <input type="checkbox"/> STAT 2[34]0           | <input type="checkbox"/> SPCOM 223                      |
| <input type="checkbox"/> CS 251                    | <input type="checkbox"/> STAT 2[34]1           |   |
| <input type="checkbox"/> CS 341                    | <input type="checkbox"/> CO 250[05]            |   |
| <input type="checkbox"/> CS 350                    |  |   |
| <input type="checkbox"/> CS 340-398; 440-489 _____ |  |   |
| <input type="checkbox"/> CS 340-398; 440-489 _____ |  |   |
| <input type="checkbox"/> CS 440-489 _____          |  |   |
| <input type="checkbox"/> CS 440-489 _____          |  |   |
| <input type="checkbox"/> CS 490 <sup>1</sup>       |  |   |
| <input type="checkbox"/> CS 492                    |  |   |

## Required Courses – Laurier

- |   |   |
|---|---|
| <input type="checkbox"/> <b>7.5 BUS Units</b> | <input type="checkbox"/> <b>3.0 BUS Electives<sup>2</sup></b> |
| <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"/> BUS 352W             | <input type="checkbox"/> <b>1.5 ECON Units</b>                |
| <input type="checkbox"/> BUS 354W             | <input type="checkbox"/> ECON 120W                            |
| <input type="checkbox"/> BUS 362W             | <input type="checkbox"/> ECON 140W                            |
| <input type="checkbox"/> BUS 375W             | <input type="checkbox"/> ECON 2[56]0W                         |
| <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 university
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
- 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 486W.

<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 (50-59%). 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.