

# 2021-2022 BMath CS + Business Specialization Checklist

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

### 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 360 or CS 365 \_\_\_\_\_
- CS 370 or CS 371 \_\_\_\_\_
- CS 340-398; 440-489 \_\_\_\_\_
- CS 440-489 \_\_\_\_\_
- CS 440-489 \_\_\_\_\_
- CS 440-498 or CS 499T or CS 6xx or CS 7xx or CO 487 or STAT 440 \_\_\_\_\_

### 4.5 Math Units

- MATH 1[34]5
- MATH 1[034]6
- MATH 1[234]7
- MATH 1[234]8
- MATH 2[34]5
- MATH 2[34]7
- MATH 2[34]9
- STAT 2[34]0
- STAT 2[34]1

## Electives

### 5.0 Non-Math Elective Units including

#### Breadth and Depth:

- Communication list I<sup>2</sup>: \_\_\_\_\_
- Communication list II<sup>3</sup>: \_\_\_\_\_
- Humanities: \_\_\_\_\_
- Humanities or non-math<sup>3</sup>: \_\_\_\_\_
- Social Science: \_\_\_\_\_
- Social Science: \_\_\_\_\_
- Pure Science: \_\_\_\_\_
- Pure or Applied Sciences: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### 1.5 Additional Math or Non-Math Elective Units

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### 1.5 Additional Math Units<sup>1</sup>

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## Additional Constraints

### Two of:

- CS 348
- CS 454
- CS 490

### Six of (business courses):

- |                                     |                                       |                                      |
|-------------------------------------|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> ACTSC 231  | <input type="checkbox"/> AFM 131 or   | <input type="checkbox"/> COMM 400    |
| <input type="checkbox"/> ACTSC 371  | ARBUS 101 or                          | <input type="checkbox"/> ECON 101    |
| <input type="checkbox"/> ACTSC 372  | BUS 111W                              | <input type="checkbox"/> ECON 102    |
| <input type="checkbox"/> AFM 101 or | <input type="checkbox"/> ARBUS 302 or | <input type="checkbox"/> HRM 200     |
| AFM 123 or                          | MGMT 244                              | <input type="checkbox"/> MGMT 220    |
| ARBUS 102                           | <input type="checkbox"/> BUS 121W     | <input type="checkbox"/> MSCI 211 or |
| <input type="checkbox"/> AFM 102    | <input type="checkbox"/> BUS 362W     | PSYCH 238                            |
|                                     | <input type="checkbox"/> BUS 481W     | <input type="checkbox"/> MSCI 311    |
|                                     | <input type="checkbox"/> BUS 491W     | <input type="checkbox"/> MSCI 452    |

Seven (regular) or eight (co-op) 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)

CS major average of 60% or higher

Cumulative average of 60% or higher

Co-op requirements met, if applicable, including PD 1, PD 11, PD 10, and a minimum of two other PD courses

<sup>1</sup>Three additional courses labeled ACTSC, AMATH, CO, PMATH, STAT, excluding the following:

- Courses with requisites normally excluding Honours CS students
- Courses cross-listed with a CS course
- Courses explicitly listed in CS major plans as alternatives to CS courses
- Reading and Topics courses
- ACTSC 221, CO 353, CO 380, CO 480

<sup>2</sup>Communication List I: At least 60% in one of EMLS 101R, EMLS 102R, EMLS/ENGL 129R, ENGL 109, SPCOM 100, SPCOM 223.

<sup>3</sup>Communication List II: One of EMLS 103R, EMLS 104R, EMLS 110R, ENGL 101B, ENGL 108B, ENGL 108D, ENGL 119, ENGL 208B, ENGL 209, ENGL 210E, ENGL 210F, ENGL 378/MTHEL 300, SPCOM 225, SPCOM 227, SPCOM 228, or an additional course from Communication List 1.

<sup>3</sup>The courses below can be used to satisfy both the Communication List II requirement **and** 0.5 unit for the humanities (breadth) requirement.

- ENGL 101B, ENGL 108B, ENGL 108D, ENGL 119, ENGL 208B, ENGL 209, ENGL 210E, ENGL 210F, ENGL 378/MTHEL 300, SPCOM 225, SPCOM 227, SPCOM 228.

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. 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.