

# 2024-2025 BMath (Computer Science) + Human-Computer Interaction Specialization

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

### 7.75 CS Units

- CS 1[134]5
- CS 1[34]6
- CS 136L (0.25 unit)
- CS 240
- CS 241
- CS 245
- CS 246
- CS 251
- CS 341
- CS 349
- CS 350
- CS 360 or CS 365
- CS 370 or CS 371
- CS 449
- CS 440-489 \_\_\_\_\_
- One of CS 440-498, CS 499T, CS 6XX, CS 7XX, CO 487, or STAT 440 \_\_\_\_\_

### 4.5 Math Units

- MATH 1[34]5
- MATH 1[34]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](#)

- Social Science: \_\_\_\_\_
- Social Science: \_\_\_\_\_
- Pure Science: \_\_\_\_\_
- Pure/Applied Science: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Choose either:

- Comm. list I<sup>1</sup>: \_\_\_\_\_
- Comm. list I or II<sup>2</sup>: \_\_\_\_\_
- Humanities: \_\_\_\_\_
- Humanities: \_\_\_\_\_

OR

- Comm. list I<sup>1</sup>: \_\_\_\_\_
- COMMST or ENGL from Comm. list II<sup>2</sup>: \_\_\_\_\_
- Humanities: \_\_\_\_\_
- Non-Math: \_\_\_\_\_

### 1.5 Additional [Math<sup>3</sup>](#) Elective Units

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

### 1.25 Additional [Math or Non-Math](#) Elective Units

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

## Additional Constraints

### List A – Choose two courses below:

- CS 445 or SE 463
- CS 453 or CS 459
- CS 446 or SE 464
- CS 480
- CS 447 or SE 465
- CS 484
- CS 454
- CS 486
- CS 488

### List B – Choose two courses below:

- ENGL 108D
- ENGL 293
- ENGL 295
- FINE 100
- FINE 150
- FINE 257
- INTEG 121
- INTEG 251
- KIN 320
- PSYCH 207
- PSYCH 261
- STAT 332
- STAT 430

### List C – Choose one course below:

- BET 360
- GSJ 205
- PACS 315
- STV 202
- STV 208
- STV 302
- STV 305
- CS 492
- MSE 442
- SOC 232
- STV 205
- STV 210
- STV 304
- STV 306

### [Depth](#) - 1.5 units in the same subject where either: (a) at least 0.5 unit is 3XX or higher, **or** (b) all three form a prerequisite chain.

Courses for breadth can also be used for depth.

**Write the non-math elective units from above that you will use for depth.**

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

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

<sup>2</sup>Communication List II: One of COMMST 225, COMMST 227, COMMST 228, *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

<sup>3</sup>Three additional courses labeled ACTSC, AMATH, CO, PMATH, STAT, excluding the following:

- Courses with prerequisites 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

Disclaimer: This checklist is a handy tool, but it is not a substitute for the official degree regulations. 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. If there is a question of interpretation or a discrepancy, the [University Calendar](#) always takes precedence.