2021-2022 BMath CS + Computational Fine Arts 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
- ☐ 7.5 CS Units
  - ☐ CS 1[134]5
  - ☐ CS 1[34]6
  - ☐ 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 383
  - ☐ CS 488
  - ☐ CS 440-489
  - ☐ CS 440-498 or CS 499T or CS 6xx or CS 7xx or CO 487 or STAT 440

### Electives
- ☐ 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
  - ☐ MATH 2[234]8
  - ☐ MATH 2[234]9
  - ☐ STAT 2[34]0
  - ☐ STAT 2[34]1

### 5.0 Non-Math Elective Units including Breadth and Depth:
- ☐ Communication list I\(^2\):
- ☐ Communication list II\(^3\):
- ☐ FINE 100
- ☐ FINE 101/VCULT 101:
- ☐ FINE 257
- ☐ Social Science:
- ☐ Social Science:
- ☐ Pure Science:
- ☐ Pure or Applied Sciences:

### 1.0 Additional Elective Units

### 1.5 Additional Elective Units\(^1\)

### Additional Constraints
- ☐ 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

\(^1\)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

\(^2\)Communication List I: At least 60% in one of EMLS 101R, EMLS 102R, EMLS/ENGL 129R, ENGL 109, SPCOM 100, SPCOM 223.

\(^3\)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.

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.