## B.A.&Sc. Interactive Systems Design

### J1. Science Distribution Requirements (18cu)
- **CMPT 141**: Introduction to Computer Science and Programming
- **CMPT 145**: Principles of Computer Science
- **STAT 245 or PLSC 214**: Introduction to Statistical Methods

**Select 9cu from Science areas.**

**No more than 6cu from any one area; no more than 3cu from MATH.**

**Science Areas:**
- **Biology**: BIOL 120, 121; **Chemistry**: CHEM 112, 115, 250;
- **Earth Sciences**: GEOG 120, GEOL 121, 122;
- **Math&Stats**: MATH 110, MATH 116, MATH 264, MATH 266;
- **Physics&Astronomy**: ASTR 103; PHYS 115, 117 or 125, 127.

**Note:** CMPT 141 has prerequisites CMPT 140 or Computer Science 30.

**Statistics Note:** STAT 245 pre-requisites are: MATH 100, 104, 110 or STAT 103. Of these, only MATH 110 can be used towards the Science Distribution Requirements. PLSC 214 has no MATH or STAT pre-requisites.

### J2. Arts Distribution Requirements (18cu)
- **PSY 120**: General Psychology
- **PSY 121**: General Psychology

**Select 6cu from the following:**
- ART 111.6, 112.6, 113.6,
- or two of ART 136.3, 141.3, 161.3

**Select 6cu from the following:**
- 100-Level ENG,
- 100-Level HIST, LIT 100.6, PHIL 120, PHIL 133

### J3. Arts Requirements (24cu)
- **Select one 12cu option from the Art & Art History list.**

<table>
<thead>
<tr>
<th>Art &amp; Art History List:</th>
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<tbody>
<tr>
<td>• ART 211.6 and 311.6; or</td>
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<td>• ART 212.6 and 312.6; or</td>
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<td>• ART 213.6 and 313.6; or</td>
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<td>• ART 216.6 and 316.6; or</td>
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<td>• ART 241.3 and ART 341.3 and 6cu senior ART; or</td>
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<td>• ART 236.3 and 237.3 and 338.3 and ARTH 250.3; or</td>
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<td>• ARTH 250.3 and 350.3 and 6cu senior ARTH</td>
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**Psychology List:**
- PSY 252, 253, 255, 226, 256, 213, 214, 216

**Social Science Areas:**
- PHIL 236; SOC 244, 246; HIST 284; WGST 201; ARTH 250.3

**Psychology:**
- (ART 250.3 may only be chosen to fulfill this requirement if not taken as part of the ART/ARTH requirements above.)

### J4. Electives (30cu)
- **ARTH 120.3**: Introduction to History of Art I
- **ARTH 121.3**: Introduction to History of Art II

24cu open electives.

*See Open Electives Note.

**Open Electives Note:** Electives as required to complete the requirements for 120cu 4-year program subject to the condition at no more than 54cu may be at the junior level; at least 66cu must be the 200 or higher level.

### J3. Science Requirements (30cu)
- **CMPT 270**: Developing Object-Oriented Systems
- **CMPT 281**: Website Design and Development
- **CMPT 381**: Impl. of Graphical User Interfaces
- **CMPT 481**: Human Computer Interaction
- **CMPT 406 (or 405)**

**Select 15cu from the following:**
- 200-Level, 300-Level, or 400-Level CMPT Courses

*See Science Requirements Note

**Science Requirements Note:** At least 3cu must be chosen at the 300-Level or above.
CMPT 214, 350, 352, 355, 370, 394, and 408 are recommended choices. Appropriate Special Topics courses may also be available in some terms.