**BSc Honours in Computer Science with a Concentration in Computer Game Development—Recommended Course Sequence**

(Fall 2020, Fall 2021 Calendar Regulations)

**1st YEAR**

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
</tr>
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<tbody>
<tr>
<td>1. CPSC 231</td>
<td>2. CPSC 233</td>
</tr>
<tr>
<td>3. PHYS 211 or 221</td>
<td>4. CPSC 251</td>
</tr>
</tbody>
</table>

May be taken either semester:

5. MATH 211
6. MATH 249 or 265
7. PHIL 279
8. Non-Science Option (Breadth Requirement)\(^1\)
9. Option NOT in the Field of Computer Science (Non-Major Field Requirement)
10. Option NOT in the Field of Computer Science (Non-Major Field Requirement)

\(^1\) MATH 249 is open only to students without MATH 31

\(^2\) A non-science option is any course from faculties other than the Faculty of Science, excluding courses in Table 1

**2nd YEAR**

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
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<tbody>
<tr>
<td>1. CPSC 331</td>
<td>2. SENG 300</td>
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<tr>
<td>3. CPSC 351</td>
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</tr>
</tbody>
</table>

May be taken either semester:

4. CPSC 355
5. PHIL 314
6. MATH 267
7. Option from the Field of Computer Science at the 300 level or above
8. Computer Game Development Arts Option\(^2\)
9. Computer Game Development Arts Option\(^2\)
10. Option NOT in the Field of Computer Science (Non-Major Field Requirement)

\(^1\) Select one of the following: ART 231, 233, 235, 241, 243, 245, 273, 277, 275, or DRAM 223, 225 or ENGL 265, 393, 395, or COMS 201, or OPMA 301, or MUSI 209, 211, 213, 225, 309, 325, 326, 351, 451, 453, 513, 513, or 551

**3rd YEAR**

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
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<tbody>
<tr>
<td>1. CPSC 433(^1)</td>
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</tbody>
</table>

May be taken either semester:

2. CPSC 433
3. CPSC 445
4. CPSC 457
5. CPSC 461 or 481
6. Course from the Field of Computer Science at the 300 level or above
7. Option NOT in the Field of Computer Science (Non-Major Field Requirement)
8. Non-Science Option (Breadth Requirement)
9. Open Option\(^2\)
10. Open Option\(^2\)

\(^1\) Student may take CPSC 531 or 533 in place of CPSC 433

\(^2\) Any course offered by any Faculty

**4th YEAR**

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
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<tbody>
<tr>
<td>1. CPSC 502A</td>
<td>2. CPSC 502B</td>
</tr>
<tr>
<td>3. CPSC 453</td>
<td>4. CPSC 585</td>
</tr>
<tr>
<td></td>
<td>5. CPSC 587 or 591</td>
</tr>
</tbody>
</table>

May be taken either semester:

6. Course from the Field of Computer Science at the 500 level or above
7. Course from the Field of Computer Science at the 500 level or above
8. Course from the Field of Computer Science at the 500 level or above
9. Open Option
10. Open Option