### 1st YEAR

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSC 231</td>
<td>CPSC 233</td>
</tr>
<tr>
<td>MATH 249 or 265</td>
<td>CPSC 251</td>
</tr>
</tbody>
</table>

May be taken either semester:

5. MATH 211  
6. PHIL 279  
7. Non-Science Option (Breadth Requirement)  
8. Non-Science Option (Breadth Requirement)  
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)  

*MATH 249 is open only to students without MATH 31*

### 2nd YEAR

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
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</thead>
<tbody>
<tr>
<td>CPSC 333</td>
<td>SENG 300</td>
</tr>
<tr>
<td>CPSC 351</td>
<td></td>
</tr>
</tbody>
</table>

May be taken either semester:

4. CPSC 355  
5. PHIL 314  
6. Option 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. Option NOT in the Field of Computer Science (Non-Major Field Requirement)  
9. Option NOT in the Field of Computer Science (Non-Major Field Requirement)  
10. Non-Science Option (Breadth Requirement)  

### 3rd YEAR

May be taken either semester:

1. CPSC 413  
2. CPSC 449  
3. CPSC 457  
4. CPSC 481  
5. Any course labelled SENG or CPSC 499 or CPSC 599  
6. CPSC 405 or an Option from the Field of Computer Science at the 300 level or above  
7. ECON 201, a course from the Haskayne School of Business or a Non-Science Option (Breadth Requirement)  
8. Option NOT in the Field of Computer Science (Non-Major Field Requirement)  
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)  

*Students interested in using Computer Science 499 or 599 should contact the USC to determine which topics, if any, are being offered in a given year that may be used to fulfill the requirements of this concentration.*

### 4th YEAR

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
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</thead>
<tbody>
<tr>
<td>CPSC 594A or 502.06A or 503.06</td>
<td>CPSC 594B or 502.06B or a course labelled SENG</td>
</tr>
</tbody>
</table>

May be taken either semester:

3. Any course labelled SENG or CPSC 499 or CPSC 599  
4. Any course labelled SENG or CPSC 499 or CPSC 599  
5. CPSC 411, 441, 453, 471, 499, 527, 528, 559, 567, 573, 575, 585, 599  
6. CPSC 527, 528, 559, 567, 571, 575, 585, 599, or a course labelled SENG at the 400 level or above  
7. Option NOT in the Field of Computer Science (Non-Major Field Requirement)  
8. Option NOT in the Field of Computer Science (Non-Major Field Requirement)  
9. Open Option  
10. Open Option  

*Complete one of the following: CPSC 594 (A/B), CPSC 502 (A/B), or CPSC 503.06 and one course labelled SENG.*

*Students interested in using Computer Science 499 or 599 should contact the USC to determine which topics, if any, are being offered in a given year that may be used to fulfill the requirements of this concentration.*

*Any course offered by any Faculty*