Student Name: ____________________________

E-mail address: ____________________________

CPSC Honors Minor Requirements - six courses in computer science:

Required courses in computer science. **Must be taken** before any upper-level CS course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester and Year</th>
<th>Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSC21*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPSC31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPSC35</td>
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</tbody>
</table>

Two upper-level courses drawn from different groups, see link: [http://www.cs.swarthmore.edu/courses/future.html](http://www.cs.swarthmore.edu/courses/future.html):

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</table>

Any CPSC course numbered above CPSC35 (must different from those chosen above)

One Elective: ____________________________

<table>
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<tr>
<th>Course</th>
<th>Semester and Year</th>
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</table>

One mathematics course at or above MATH27 (Discrete Math or Linear Algebra is recommended):

<table>
<thead>
<tr>
<th>Math Course</th>
<th>Semester and Year</th>
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</thead>
</table>

*If exempted from CPSC21, substitute any upper-level course.
Each honors preparations consists of two courses. Pick your 2-credit honors preparations from the following sets. For your preparation, specify the focus course and the breadth. For example, CPSC 41 and CPSC 46 are a valid course preparation pairing, but CPSC 41 and CPSC 68 are not. Honors minors must have at least two distinct courses in their set of one 2-credit preparations.

**Preparation Sets**

Set 0
- CPSC 41 Algorithms
- CPSC 46 Theory of Computation
- CPSC 49 Probabilistic Method

Set 1
- CPSC 63 Artificial Intelligence
- CPSC 65 Natural Language Processing
- CPSC 68 Bioinformatics
- CPSC 81 Adaptive Robotics

Set 2
- CPSC 43 Computer Networks
- CPSC 44 Database Systems
- CPSC 45 Operating Systems
- CPSC 87 Parallel and Distributed Computing
- CPSC 89 Cloud Computing

Set 3
- CPSC 37 Structure and Interpretation of Computer Programs
- CPSC 73 Programming Languages
- CPSC 75 Compilers

Set 4
- CPSC 40 Computer Graphics
- CPSC 87 Parallel and Distributed Computing

**Honors Minor Preparation**

Focus course:__________________  Semester:__________________

Breadth course:__________________  Semester:__________________