## BS CIS Advising Sheet

<table>
<thead>
<tr>
<th>Autumn (1st Semester)</th>
<th>Spring (2nd Semester)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASC 1100.xx</strong></td>
<td><strong>CSE 2221</strong></td>
</tr>
<tr>
<td>ASC/NMS Survey</td>
<td>Software I</td>
</tr>
<tr>
<td><strong>Math 1151</strong></td>
<td><strong>Math 1152</strong></td>
</tr>
<tr>
<td>Calculus I</td>
<td>Calculus II</td>
</tr>
<tr>
<td><strong>Phys 1250</strong></td>
<td><strong>Gen Ed</strong></td>
</tr>
<tr>
<td>Physics I</td>
<td>Writing Level 1</td>
</tr>
<tr>
<td><strong>Gen Ed</strong></td>
<td><strong>Gen Ed</strong></td>
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<tr>
<td>Foreign Language 1</td>
<td>Foreign Language 2</td>
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<tr>
<th>Autumn (3rd Semester)</th>
<th>Spring (4th Semester)</th>
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<tbody>
<tr>
<td><strong>CSE 2231</strong></td>
<td><strong>CSE 2421</strong></td>
</tr>
<tr>
<td>Software II</td>
<td>Systems I</td>
</tr>
<tr>
<td><strong>CSE 2321</strong></td>
<td><strong>CSE 2331</strong></td>
</tr>
<tr>
<td>Foundations I</td>
<td>Foundations II</td>
</tr>
<tr>
<td><strong>Stat 3470</strong></td>
<td><strong>ECE 2000</strong></td>
</tr>
<tr>
<td>Probability and Statistics</td>
<td>Electrical and Computer Engineering</td>
</tr>
<tr>
<td><strong>Gen Ed</strong></td>
<td><strong>Math 3345</strong></td>
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<tr>
<td>Writing Level 2</td>
<td>Discrete Mathematics: Logic</td>
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<tr>
<td><strong>Gen Ed</strong></td>
<td><strong>Gen Ed</strong></td>
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<tr>
<td>Foreign Language 3</td>
<td>Historical Study</td>
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<tr>
<th>Autumn (5th Semester)</th>
<th>Spring (6th Semester)</th>
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<tbody>
<tr>
<td><strong>CSE 2431</strong></td>
<td><strong>CSE 32x1</strong></td>
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<tr>
<td>Systems II</td>
<td>Software: Software Eng or Databases</td>
</tr>
<tr>
<td><strong>CSE 2501</strong></td>
<td><strong>CSE 34x1</strong></td>
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<tr>
<td>Professionalism and Ethics</td>
<td>Systems: Architecture or Networks</td>
</tr>
<tr>
<td><strong>CSE 390x</strong></td>
<td><strong>CSE 35x1</strong></td>
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<tr>
<td>Project</td>
<td>Applications: AI or Graphics</td>
</tr>
<tr>
<td><strong>see * below</strong></td>
<td><strong>see * below</strong></td>
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<tr>
<td>Biological Science</td>
<td>Natural Science</td>
</tr>
<tr>
<td><strong>Gen Ed</strong></td>
<td><strong>Gen Ed</strong></td>
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<tr>
<td>Social Science 1</td>
<td>Culture &amp; Ideas or Historical Study</td>
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<tr>
<th>Autumn (7th Semester)</th>
<th>Spring (8th Semester)</th>
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<tbody>
<tr>
<td><strong>CSE 33x1</strong></td>
<td><strong>CSE 591x</strong></td>
</tr>
<tr>
<td>Foundations: Theory or Prog Lang</td>
<td>Capstone Design</td>
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<td><strong>Technical Elective</strong></td>
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<td><strong>Technical Elective</strong></td>
<td><strong>Gen Ed</strong></td>
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<tr>
<td><strong>Gen Ed</strong></td>
<td><strong>Social Science 2</strong></td>
</tr>
<tr>
<td>Literature</td>
<td><strong>Gen Ed</strong></td>
</tr>
<tr>
<td><strong>Gen Ed</strong></td>
<td><strong>Arts</strong></td>
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**Total Cr-Hrs for BS CIS Degree:** officially 124; in practice*: 126

### Admission to the BS CIS major requires:
- Completion of courses shown above in *italics* (or honors versions thereof).
- At least 15 cr-hrs earned at Ohio State.
- A CPHR of at least 3.0; will be adjusted annually based on demand; will be 3.2 effective May 2015.
- An MPH (major point hour ratio), over CSE courses that can be included in the major program, of at least 2.0.
- Completion of all admission conditions that may have been imposed when the student was admitted to OSU.

### Technical Electives include:
- Students must complete *either* 15 hours of tech electives of which at least 8 must be CSE courses at the 3000-level or above; or complete 8 hours of CSE courses at the 3000-level and above plus an approved minor.
- CSE courses included in the tech electives must be at the 3000-level or above; non-CSE courses at the 2000-level or above.
- At most 1 cr-hr of CSE 425X
- At most 2 cr-hrs total of CSE 4193, 4193H, 4998, 4998H, 4999, 4999H
- At most 7 cr-hrs of letter-graded non-CSE courses approved by the academic advisor
- Advising Office can suggest focus areas, minor programs, and other coursework based on student interest.

* Although the official ASC requirement is stated as a minimum of 10 cr-hrs of GE natural science courses in physical science and biological science, no allowable 5-cr-hr biological science courses are offered and none are planned. Hence students must take three GE natural science courses: Phys 1250 (5 cr-hrs), plus two more courses of which at least one is in biological science with a lab (totaling 6-7 cr-hrs). One option for the bio lab is EEBO 2510 (3 cr-hrs) but it can be taken only after another bio course and its topic (Human anatomy and small mammal dissection) is unappealing. A more appealing option is HCS 2201/2202 (4 cr-hrs) (no pre-reqs). This may be combined with ENR 2100 or HCS2200 or Earth Sc. 1151 etc. (3 hrs each) to complete the GE natural science requirement.