## Recommended Schedule for New Computer Science Majors

**Students Starting with MATH 1113**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman</strong></td>
<td>HIST 2111 or 2112</td>
<td>3</td>
<td>CS 1301</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>MATH 1113</td>
<td>4</td>
<td>MATH 1634</td>
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<tr>
<td></td>
<td>ENGL 1101</td>
<td>3</td>
<td>ENGL 1102</td>
<td>3</td>
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<tr>
<td></td>
<td>Area E.4</td>
<td>3</td>
<td>Area B.1</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>13</td>
<td><strong>Total</strong></td>
<td>14</td>
</tr>
<tr>
<td><strong>Sophomore</strong></td>
<td>CS 1302</td>
<td>3</td>
<td>CS 3151</td>
<td>3</td>
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<tr>
<td></td>
<td>CS 2100</td>
<td>3</td>
<td>CS 3280</td>
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<td></td>
<td>MATH 2644</td>
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<td>MATH 2063</td>
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<td></td>
<td>ENGL 3405</td>
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<td>HIST 1111 or 1112</td>
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<td></td>
<td>Area C.1</td>
<td>3</td>
<td>Elective</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
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<td>16</td>
<td><strong>Total</strong></td>
<td>15</td>
</tr>
<tr>
<td><strong>Junior</strong></td>
<td>CS 3201</td>
<td>3</td>
<td>CS 3202</td>
<td>3</td>
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<tr>
<td></td>
<td>CS 3211</td>
<td>3</td>
<td>CS 3212</td>
<td>3</td>
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<tr>
<td></td>
<td>CS 3152</td>
<td>3</td>
<td>Elective</td>
<td>3</td>
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<tr>
<td></td>
<td>Area D.1 (1)</td>
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<td>Area D.1 (2)</td>
<td>4</td>
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<tr>
<td></td>
<td>Area C.2</td>
<td>3</td>
<td>MATH Elective</td>
<td>3</td>
</tr>
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<td><strong>Total</strong></td>
<td></td>
<td>16</td>
<td><strong>Total</strong></td>
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<tr>
<td><strong>Senior</strong></td>
<td>CS 3110</td>
<td>3</td>
<td>CS 4982</td>
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<td>CS 3230</td>
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<td>CS 4225</td>
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<td>Lab Science Elective</td>
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<td>POLS 1101</td>
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<td>CS 3270</td>
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<td>Area B.2</td>
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<td>16</td>
<td><strong>Total</strong></td>
<td>14</td>
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**Program Total**: 120

### NOTES:

One of the following lab science sequences must be taken for Core Area D.1:
- BIOL 1107+1107L and BIOL 1108+1108L  
  Principles of Biology I & II
- CHEM 1211+1211L and CHEM 1212+1212L  
  Principles of Chemistry I & II
- PHYS 2211+2211L and PHYS 2212+2212L  
  Principles of Physics I & II

The "Lab Science Elective" must be the first semester of one of the above sequences NOT taken in Area D.1. So, if you took BIOL 1107+1107L and 1108+1108L, then you would need to take either CHEM 1211+1211L or PHYS 2211+2211L as your lab science elective.

The "MATH elective" must be chosen from one of the following:
- MATH 2853 - Elementary Linear Algebra
- MATH 3303 - Ordinary Differential Equations
- MATH 4003 - Dynamic Systems
- MATH 4103 - Operations Research
- MATH 4153 - Applied Mathematical Modeling

Above information subject to change. Please visit http://www.cs.westga.edu for the most current information.