MINOR IN COMPUTING AND DEVICES

Minor in Computing
For those students majoring in disciplines other than computer science who wish to gain a deeper understanding of computing and its applications, the College of Computing offers the minor in computer science. Click here for additional information. (http://www.cc.gatech.edu)

- Computing & Media
- Computing & People
- Computing & Intelligence
- Computing & Devices
- Computing & Information Internetworks
- Computing & Systems and Architecture
- Computing & Theory

Minor Program of Study & Guidelines (http://www.catalog.gatech.edu/academics/minors)

Program of Study
The Computing: Devices minor must comprise at least 17 credit hours of computer science coursework of which at least 9 credit hours must be at the 3000 level or higher.

A CS Minor application is required.

**Prerequisite**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1331</td>
<td>Introduction to Object Oriented Programming</td>
<td>1</td>
</tr>
</tbody>
</table>

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 2110</td>
<td>Computer Organization and Programming</td>
<td>4</td>
</tr>
<tr>
<td>CS 2200</td>
<td>Computer Systems and Networks</td>
<td>4</td>
</tr>
<tr>
<td>CS 3251</td>
<td>Computer Networking I</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following sequences:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>CS 3651</td>
<td>Prototyping Intelligence Appliances (and one CS course from Devices in the Real World)</td>
<td>6</td>
</tr>
</tbody>
</table>

One CS 3000/4000 level course from one of the elective categories in the Devices Thread.

**Total Credit Hours**

17

1 CS 1331 prerequisite for the minor required (this course does NOT count toward the 17 credit hours required for minor) and a grade of A or B is required
2 ECE students with credit for ECE 2035 and either ECE 2020 or ECE 2030 may substitute one CS 3000/4000 level Intelligence Thread course for CS 2110 and complete the minor with 16 hours instead of 17.
3 Numbered 3000 or above.

- A maximum of 3 credit hours of transfer credit may be used to satisfy the course requirements for a minor. This includes courses taken at another institution or credit earned through the AP or IB program, assuming the scores meet Georgia Tech minimum standards.
- It is the major advisor's responsibility to verify that students are not using any courses required by name and number for their major, that they are not using any core area A-E courses (including humanities and social sciences), and that they are not using any courses for more than one minor or certificate. Free electives may be used towards minors.

• No Special Problems or Internship coursework may be used towards the CS minor.

• A grade of A or B is required for CS 1301/CS 1315/CS 1371 and CS 1331. All other minor courses must be completed with a grade of C or higher.

• Only CS courses are included in the minor.