MINOR IN COMPUTING AND INTELLIGENCE

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.

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

Minor Program of Study & Guidelines

Program of Study
The Computer Science – Intelligence track minor must comprise at least 16 semester hours of computer science coursework of which at least 9 hours must be at the 3000 level or higher.

<table>
<thead>
<tr>
<th>Code</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>
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</table>

Prerequisite

Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CS 1332</td>
<td>Data Structures and Algorithms for Applications</td>
<td>3</td>
</tr>
<tr>
<td>CS 2110</td>
<td>Computer Organization and Programming</td>
<td>4</td>
</tr>
<tr>
<td>CS 3600</td>
<td>Introduction to Artificial Intelligence</td>
<td>3</td>
</tr>
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Select one CS course each from the following: 6

- Embodied Intelligence
- Approaches to Intelligence

Total Credit Hours 16

1 Prerequisite must be taken but is not included in the required 16 hours.

- CS Minor application is required.
- 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 15 hours instead of 16.
- 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.
- 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.
- A maximum of 3 semester 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.