Approved Program of Study for Undergraduate Minors
Georgia Institute of Technology
Office of the Registrar
2016-2017
Minor in Computing: Theory

Please type or print in ink:

Name (first/last): 

GT Student ID Number: 

GT Email Address: 

Daytime Phone: 

Major: 

Anticipated Graduation Date: 

In addition to the guidelines listed below, you are responsible for reviewing and following the general guidelines for minors: http://www.catalog.gatech.edu/academics/minorguide.php

The Computing: Theory Minor must comprise at least 15 semester hours of computer science coursework of which at least 9 hours must be at the 3000 level or higher. **Prerequisite for the minor is CS 1331—prerequisite must be taken but not included in the required 15 hours.**

A. A CS minor Application is required.

B. **Required courses:** CS 1332, CS 2050 or CS 2051, CS 3510 or CS 3511, CS 4510, and CS 4540.

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

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

E. Only CS courses are included in the minor.

F. 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.

G. It is the **major advisor’s responsibility** to verify that students are using only courses from the designated block(s) from the student’s major field of study that are allowed to satisfy a minor program, 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. Any free elective course used to satisfy the course requirements of the student’s major degree program may also be used to satisfy the course requirements for a minor.

<table>
<thead>
<tr>
<th>Course and Section</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>Semester Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td><strong>CS 1331</strong> Introduction to Object Oriented Programming</td>
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<tr>
<td>CS 1332</td>
<td>Data Structures and Algorithms for Applications</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>CS 2050 or 2051</td>
<td>Discrete Math for CS</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>CS 3510 or 3511</td>
<td>Design and Analysis of Algorithms</td>
<td>3</td>
<td></td>
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<tr>
<td>CS 4510</td>
<td>Automata and Complexity Theory</td>
<td>3</td>
<td></td>
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<tr>
<td>CS 4540</td>
<td>Advanced Algorithms</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Student Signature:

Major School Signature:

Minor School Signature: