Approved Program of Study for Undergraduate Minors
Georgia Institute of Technology
Office of the Registrar
2016-2017
Minor in Computational Data Analysis

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

This minor must comprise at least 15 semester hours, of which at least 9 semester hours are upper-division coursework (numbered 3000 or above).

- CS 1331 prerequisite for the minor required (this course **does NOT** count toward the 15 hours required for minor)
- A CS Minor application is required
- No Special Problems or Internship coursework may be used towards the CS minor.
- 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.

A. **Required courses 6 hours:** CX 4240, CX 4242
B. **Choose 3 credit hours from below for Introduction to Probability and Statistics:**
   - MATH 3215, MATH 3225, ECE 3077, ISYE 2027
C. **Choose 3 credit hours from below for Computational Methods:**
   - CX 4010, CS 4400, CS 4460
D. **Choose 3 credit hours from below for Elective:**
   - BIOL 4150, CEE 3010, CS 3630, CS 4400, CS 4460, CS 4495, CX 4010, CX 4803-SUS (Computational Sustainability)
   - EAS 4430, EAS 4480, ECE 4270, ECE 4560, ECE 4580,
   - ECE 4823 (Game Theory and Multi-agent Systems), ISYE 4311, ISYE 3232
   - MGT 4067, MGT 4068, PSYC 4031

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>Pre-requisite: CS 1331</td>
<td>Introduction to Object Oriented Programming</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CX 4240</td>
<td>Introduction to Computing for Data Analysis</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CX 4242</td>
<td>Data and Visual Analytics</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Student Signature: __________________________

Major School Signature: __________________________

Minor School Signature: __________________________