Transfer Pathway Map for Computer Science

Students who complete this program are prepared to pursue the bachelor's degree in computer or information science or a related field at a senior college or university. Computer scientists function as programmers and systems analysts.

Fall/Spring Example Schedule for Full-Time Students

<table>
<thead>
<tr>
<th>Semester: 1</th>
<th>Semester: 2</th>
<th>Semester: 3</th>
<th>Semester: 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>ENGL 1102</td>
<td>CSCI 1301</td>
<td>CSCI 1302</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>MATH 2253/2254</td>
<td>MATH 2254/2255</td>
<td>HIST 2111/2112</td>
</tr>
<tr>
<td>PHED Course</td>
<td>HLTH 1103</td>
<td>Area D Sequence Course 2</td>
<td>Area B/C/E Course</td>
</tr>
<tr>
<td>SGSC 1000</td>
<td>Area D Sequence Course 2</td>
<td>Area C ENGL or HUMN</td>
<td>Area B/C/E Course</td>
</tr>
<tr>
<td>Area A Course</td>
<td>Area B/C/E Course</td>
<td>Area A Course</td>
<td>Area B/C/E Course</td>
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<tr>
<td>Credit Hours</td>
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<td>1</td>
<td>3</td>
<td>1</td>
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<tr>
<td>15</td>
<td>17</td>
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</tbody>
</table>

USG* Requirement: Area A courses must be taken in first 30 hours.

See page two for full pathway breakdown.

Possible career opportunities after additional education include: applications developer, computer hardware engineer, information security analysts, database administrator, computer programmer, network architect, computer systems analyst, software developer, and computer and information research scientist. Please see mynextmove.org for more information on possible career options with salary information.

*University System of Georgia

TOTAL: 64 hours**

**(Not including SGSC 1000 or support courses)
## ASSOCIATE OF SCIENCE: Computer Science Pathway Checklist

### Completed Areas

<table>
<thead>
<tr>
<th>Area A – Essential Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
</tr>
<tr>
<td>ENGL 1102</td>
</tr>
<tr>
<td>MATH 1113</td>
</tr>
</tbody>
</table>

*Extra hour used in area F  
Area A total hours | 10hrs |

<table>
<thead>
<tr>
<th>Area B – Institutional Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVRS 1101</td>
</tr>
</tbody>
</table>

Select one of the following:  
ANTH 1102 | HIST 1111 |  |
ANTH 1104 | HIST 1112 |  |
COMM 1100 | POLS 2401 |  |
COMM 1110 | SOCI 2501 |  |
COMM 2000 | SABR 2001 |  |
COMM 2010 |  |

Area B total hours | 4hrs |

<table>
<thead>
<tr>
<th>Area C – Humanities/ Fine Arts</th>
</tr>
</thead>
</table>

Select one of the following:  
ENGL 2111 | ENGL 2121 |  |
ENGL 2112 | ENGL 2122 |  |
HUMN 2111 | ENGL 2131 |  |
HUMN 2112 | ENGL 2132 |  |

Select one of the following:  
ARTS 2205 |  |
ENGL 2111 |  |
ENGL 2112 |  |
ENGL 2121 |  |
ENGL 2122 |  |
ENGL 2131 | Any 3 hour foreign Language |  |
ENGL 2132 |  |
HUMN 2111 |  |
HUMN 2112 |  |
MUSI 1100 |  |
THEA 1100 |  |
PHIL 2010 |  |

Area C total hours | 6hrs |

<table>
<thead>
<tr>
<th>Physical Education Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 1103</td>
</tr>
<tr>
<td>Physical Ed</td>
</tr>
</tbody>
</table>

Physical Ed. total hours | 4hrs |

### Area E – Social Studies

POLS 1101 | **required** |

Select one of the following:  
HIST 2111 |  |
HIST 2112 |  |

Select two of the following:  
ECON 2105 | POLS 2200 |  |
ECON 2106 | POLS 2401 |  |
HIST 1121 | PSYC 1101 |  |
HIST 1122 | PSYC 2101 |  |
HIST 2100 | PSYC 2201 |  |
HIST 2111 | PSYC 2103 |  |
HIST 2112 | SOCI 1101 |  |
HIST 2200 | SOCI 1160 |  |
HIST 2220 | SOCI 2293 |  |
POL 2100 |  |

Area E total hours | 12hrs |

### Area D – Science, Mathematics, Technology

Choose one of the two series:  
BIOL 2107K & BIOL 2108K |  |
CHEM 1211K & CHEM 1212K |  |
PHYS 1111K & PHYS 1112K |  |
PHYS 2211K & PHYS 2212K |  |

Select one of the following:  
ASTR 1010/1010L | MATH 2253 |  |
ASTR 1020/1020L | MATH 2254 |  |
BIOL 2000/2000L | MATH 2255 |  |
CHEM 1211K | SCIE 1111/1111L |  |
CHEM 1212K | SCIE 1121/1121L |  |
PHSC 1011/1011L |  |

Area D total hours |  |

### Physical Education Requirements

HLTH 1103 | **required** |

Physical Ed | **two hours** |

Physical Ed. total hours |  |

### Comments:

- If HIST 2111/2112 or POLS 1101 is taken at a non-USG institution, Georgia history and government exams must be taken to fulfill requirements.

- CSCI 1301 and PHYS 1111K/2211K are only offered in fall. CSCI 1302 and PHYS 1112K/2212K are only offered in spring.