Transfer Student Pre-Professional & Elective Courses (Area V)

Institution: Auburn University

AGSC Guide/Major: Computer Science

Is this an Institution Only Major: NO

Specific options or tracks to which these requirements/recommendations apply:


Maximum total number of electives/pre-professional hours: 60

Hours specified by the Approved STARS Area V Guide: 36 (see the approved transfer guide at http://stars.troy.edu/get_the_guide_step_1.html)

Remaining 24 hours should be selected from/include the following:

<table>
<thead>
<tr>
<th>Course name/number (2-year system)</th>
<th>Course Title</th>
<th>Credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 126</td>
<td>Calculus II</td>
<td>4SH</td>
</tr>
<tr>
<td>MTH 238</td>
<td>Applied Differential Equations I</td>
<td>3SH</td>
</tr>
<tr>
<td>MTH 237</td>
<td>Linear Algebra</td>
<td>3SH</td>
</tr>
</tbody>
</table>

Comments:

Students must complete a sequence in either History (Area IV) or Literature (Area II). It is recommended that this sequence be in World History or Western Civilization. While U.S. History will fulfill the sequence requirement, it will not fulfill Auburn SLO requirements potentially resulting in additional core courses being required. Area II must include at least one Literature course, one Fine Art course, and an additional course. The additional course should be an Ethics course (PHL 206 Ethics and Society or IDS 102 Ethics) that is required for Computer Science majors. SPH 107 (AREA II) is required of Computer Science majors. A programming language course is required. JAVA is the programming language used in Computer Science. CIS 231 FORTRAN Programming and CIS 251 C++ Programming are not required. Students must complete a science sequence (AREA III) in one of the following:*PHY 201 General Physics I (4SH) and PHY 2020 General Physics II (4SH) *PHY 213 General Physics w/Calculus I (4SH) and PHY 214 General Physics w/Calculus II*CHM 111 College Chemistry I (4SH) and CHM 112 College Chemistry II (4SH)

*BIO Principles of Biology I (4SH) and BIO 104 Principles of Biology II
Institutional Contact Information:
Name: Engineering Tranfer Specialist
Title: Engineering Transfer Advisor
Office Address: Engineering Student Services, 1210 Shelby Center, Auburn AL 36849
Email: ess@auburn.edu
Phone number: 334-844-4310
www.auburn.edu/transfer

Please print this document and attach it to the Engineering-Computer Science Articulation Guide. Together, this document and the articulation guide comprise the articulation agreement for a major in Computer Science at Auburn University.

Name: __________________________ Date: __________________
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