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

Institution: Auburn University

AGSC Guide/Major: Engineering - Industrial & Systems Engineering

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 227</td>
<td>Calculus III</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>
<tr>
<td>CHM 111</td>
<td>College Chemistry I</td>
<td>4SH</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 Industrial & Systems Engineering majors.

CHEM 112 College Chemistry II is NOT required.

A programming language course is required. MATLAB is the programming language used in Industrial & Systems Engineering. CIS 231 FORTRAN Programming and CIS 251 C++ Programming are not required.
Institutional Contact Information:

Name: Engineering Transfer 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-Industrial Articulation Guide. Together, this document and the articulation guide comprise the articulation agreement for a major in Industrial and Systems Engineering at Auburn University.

Name: ____________________________ Date: __________________________

Rev. 07/2018