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

Institution: Auburn University

AGSC Guide/Major: Biosystems Engineering

Is this an Institution Only Major: Yes

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

- Bioprocess Engineering
- Ecological Engineering
- Forest Engineering

Maximum total number of electives/pre-professional hours: 61

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](http://stars.troy.edu/get_the_guide_step_1.html))

Remaining 25 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>CHM 111</td>
<td>College Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHM 112</td>
<td>College Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>PHY 201</td>
<td>General Physics</td>
<td>4</td>
</tr>
<tr>
<td>MTH 126</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MTH 227</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MTH 238</td>
<td>Applied Differential Equations I</td>
<td>3</td>
</tr>
<tr>
<td>EGR 157</td>
<td>Computer Methods for Engrs Using Matlab</td>
<td>3</td>
</tr>
</tbody>
</table>

Comments:

Students must complete a sequence in History (Area IV). 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 one Literature course, one Fine Art course, and an Ethics course (PHL 206 Ethics and Society or IDS 102 Ethics) that is required for Biosystems Engineering majors. A programming language course is required. MATLAB is the programming language used in Biosystems Engineering.
**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 - Biosystems Articulation Guide. Together, this document and the articulation guide comprise the articulation agreement for a major in Biosystems Engineering at Auburn University.

Name: _____________________________ Date: ____________________

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