## Program for System Admission Degree Plan

**College of Engineering**  
*Multidisciplinary Engineering Technology with Mechatronics Emphasis*

Departmental Contact Information: 979.845.4951  
Website: [https://engineering.tamu.edu/etid](https://engineering.tamu.edu/etid)

### Required Coursework

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
<th>TCCNS Course #</th>
<th>TAMU Course #</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Approved Math Courses</strong></td>
<td>8</td>
<td>MATH 2413, MATH 2414</td>
<td>MATH 151, MATH 152</td>
<td>Must complete with a B or better</td>
</tr>
</tbody>
</table>
| **Approved Science Courses**   | 8       | CHEM 1411, CHEM 1412, or CHEM 1409 PHYS 2425/2325¹ | CHEM 119² or CHEM 120² or CHEM 107/117², PHYS 206¹ | Must complete with a B or better  
                                     |         |                      |           | Must complete two courses from this list       |

### Additional Coursework To Be Selected From

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
<th>TCCNS Course #</th>
<th>TAMU Course #</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics-Electricity and Optics</td>
<td>4</td>
<td>PHYS 2426 or 2326/2126¹</td>
<td>PHYS 207¹</td>
<td>Must complete with a B or better</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>ENGL 1301</td>
<td>ENGL 103</td>
<td></td>
</tr>
<tr>
<td>Technical Writing</td>
<td>3</td>
<td>ENGL 2311</td>
<td>ENGL 210</td>
<td></td>
</tr>
<tr>
<td>Political Science</td>
<td>3</td>
<td>GOVT 2305</td>
<td>POLS 206</td>
<td></td>
</tr>
<tr>
<td>Political Science</td>
<td>3</td>
<td>GOVT 2306</td>
<td>POLS 207</td>
<td></td>
</tr>
<tr>
<td>US History I</td>
<td>3</td>
<td>HIST 1301</td>
<td>HIST 105</td>
<td></td>
</tr>
<tr>
<td>US History II</td>
<td>3</td>
<td>HIST 1302</td>
<td>HIST 106</td>
<td></td>
</tr>
<tr>
<td>Creative Arts Course</td>
<td>3</td>
<td></td>
<td></td>
<td>See core.tamu.edu²</td>
</tr>
<tr>
<td>Social and Behavioral Science Course</td>
<td>3</td>
<td></td>
<td></td>
<td>See core.tamu.edu²</td>
</tr>
</tbody>
</table>

### Notes:

1. Students entering college for the first time Fall 2018 or later that have completed PHYS 2425 (2325/2125) and PHYS 2426 (2326/2126) will only receive 6 credit hours toward their Engineering bachelor’s degree. For additional information, please contact an advisor at the information above.

2. Students should take EITHER the general chemistry sequence of CHEM 119 and CHEM 120 OR CHEM 107/117, but not both.

3. Students are encouraged to select courses that also satisfy an International and Cultural Diversity and Cultural Discourse graduation requirement at Texas A&M (refer to core.tamu.edu for a list of Texas Common Course Numbers)

To qualify for automatic admission, a student must:

- Complete minimum credits listed in required coursework.
- Complete at least 24 hours (fall/spring semester) in residence at a single Texas A&M system institution.
- Maintain a minimum 3.25 cumulative GPA at the system institution.
- Maintain a minimum 3.0 cumulative GPA overall (included graded, transferable credit earned in high school).

*We have endeavored to make this degree plan error free. All listings are based on the 2019-20 Texas A&M University Undergraduate Catalog, Edition 142. The catalog is the final word if a discrepancy appears between this degree plan and the catalog.*

2/25/2019