

**Program for System Admission  
Degree Plan**



College Of Science

*Applied Mathematical Sciences*

Departmental Contact Information: 979.845.3261

Website: [www.math.tamu.edu](http://www.math.tamu.edu)

<b>Required Coursework</b>				
<b>Course Title</b>	<b>Credits</b>	<b>TCCNS Course #</b>	<b>TAMU Course #</b>	<b>Notes</b>
<b><i>Engineering Math I</i></b>	<b>4</b>	<b><i>MATH 2413</i></b>	<b><i>MATH 151</i></b>	<b><i>Must complete with a B or better</i></b>
<b><i>Engineering Math II</i></b>	<b>4</b>	<b><i>MATH 2414</i></b>	<b><i>MATH 152</i></b>	<b><i>Must complete with a B or better</i></b>
<b><i>Approved Science Elective</i></b>	<b>4</b>	<b><i>Select from: CHEM 1411, CHEM 1412, BIOL 1406, OR BIOL 1407</i></b>	<b><i>Select from: CHEM 101/111, CHEM 102/112, BIOL 111, OR BIOL 112</i></b>	<b><i>Must complete with a B or better</i></b>
<b><i>Approved Science Elective</i></b>	<b>4</b>	<b><i>Select from: CHEM 1411, CHEM 1412, BIOL 1406, OR BIOL 1407</i></b>	<b><i>Select from: CHEM 101/111, CHEM 102/112, BIOL 111, OR BIOL 112</i></b>	<b><i>Must complete with a B or better</i></b>

<b>Additional Coursework To Be Selected From</b>				
<b>Course Title</b>	<b>Credits</b>	<b>TCCNS Course #</b>	<b>TAMU Course #</b>	<b>Notes</b>
English Composition	3	ENGL 1302	ENGL 104	
Engineering Math III	4	MATH 2315	MATH 251	
Physics I	4	PHYS 2425	PHYS 218	
Technical Writing	3	ENGL 2311	ENGL 210	
Economics	3	ECON 2302 or 2301	ECON 202 or 203	
Political Science	3	GOVT 2305	POLS 206	
Political Science	3	GOVT 2306	POLS 207	
US History I	3	HIST 1301	HIST 105	
US History II	3	HIST 1302	HIST 106	
Language, Philosophy and Culture Elective	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options
Creative Arts Elective	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options
Social and Behavioral Science Elective	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options

**To qualify for automatic admission, a student must:**

- Complete all courses shown in bold italics
- Complete at least 24 hours (fall/spring semesters) in residence at a single Texas A&M system institution
- Maintain a minimum 3.0 cumulative GPA at the system institution
- Maintain a minimum 3.0 cumulative GPA overall (including graded, transferable credit earned in high school)

*We have endeavored to make this degree plan error free. All listings are based on the 2016-2017 Texas A&M University Undergraduate Catalog, Edition 139. The catalog is the final word if a discrepancy appears between this degree plan and the catalog.*