

**Program for System
Admission Degree Plan**



College of Engineering
Manufacturing and Mechanical Engineering Technology
Website: engineering.tamu.edu/etid

Required Coursework				
Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
Approved Math Courses	8	MATH 2413 MATH 2414	MATH 151 MATH 152	Must complete with a B or better
Approved Science Courses	4/8	CHEM 1409 or CHEM 1411 and CHEM 1412	CHEM 107/117 ² or CHEM 119 ² & CHEM 120 ²	Must complete with a B or better If CHEM 1409 is not offered, students must complete CHEM 1411 AND 1412 to meet required coursework.
Approved Science Courses	4	PHYS 2425/2325 ¹ or 2426/2326 ¹	PHYS 206 ¹ or PHYS 207	Must complete with a B or better

Additional Coursework To Be Selected From				
Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
Physics-Electricity and Optics	4	PHYS 2426 or 2326/2126 ¹	PHYS 207 ^{1, 4}	if not used for required coursework; Must complete with a B or better
English Composition	3	ENGL 1301 ⁵	ENGL 103	
Technical Writing	3	ENGL 2311	ENGL 210	
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	
Creative Arts Course	3			See core.tamu.edu ³
Social and Behavioral Science Course	3			See core.tamu.edu ³

Notes:

- 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.
- Students should take EITHER the general chemistry sequence of CHEM 119 and CHEM 120 OR CHEM 107/117, but not both.
- Students are encouraged to select courses that also satisfies 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)

4. Students are strongly encouraged to complete the Physics sequence before enrollment at Texas A&M University..
5. ENGL 1301 (ENGL 103) will substitute for ENGL 1302 (ENGL 104) for students who complete ENGL 1301 and ENGL 2311 prior to transfer.

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 2023-24 Texas A&M University Undergraduate Catalog, Edition 146. The catalog is the final word if a discrepancy appears between this degree plan and the catalog.