

**Program for System Admission  
Degree Plan**



**College of Engineering  
Ocean Engineering**

Website: [engineering.tamu.edu/ocean](http://engineering.tamu.edu/ocean)

Required Coursework				
Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
Approved Math Courses	8	MATH 2413, MATH 2414, or MATH 2415	MATH 151, MATH 152, or MATH 251	Must complete with a B or better  Must complete two courses from this list
Approved Science Courses	8	CHEM 1409 or CHEM 1411 and CHEM 1412;  PHYS 2425/2325 <sup>1</sup> or 2426/2326 <sup>1</sup>	CHEM 119 <sup>3</sup> & CHEM 120 <sup>3</sup> or CHEM 107/117 <sup>3</sup>  PHYS 206 <sup>1</sup> or PHYS 207	Must complete with a B or better  Must complete one chemistry [CHEM 1411 & 1412 or CHEM 1409] & one of the PHYS courses

Additional Coursework To Be Selected From				
Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
Physics-Electricity and Optics	4	PHYS 2426 or 2326/2126 <sup>1</sup>	PHYS 207 <sup>1, 5</sup>	if not used for required coursework; Must complete with B or better
English Composition	3	ENGL 1302 <sup>2</sup>	ENGL 104	
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 <a href="http://core.tamu.edu">core.tamu.edu</a> <sup>4</sup>
Social and Behavioral Science Course	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> <sup>4</sup>

**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. ENGL 1301 (ENGL 103) will substitute for ENGL 1302 (ENGL 104) for students who complete ENGL 1301 and ENGL 2311 prior to transfer.
3. If CHEM 1409 is not offered, students must complete CHEM 1411 and 1412 to satisfy the necessary requirement.
4. Students are encouraged to select courses that also satisfy an International and Cultural Diversity or Cultural Discourse graduation requirement at Texas A&M (refer to [core.tamu.edu](http://core.tamu.edu) for a list of Texas Common Course Numbers)
5. Students are strongly encouraged to complete the Physics sequence before enrollment at Texas A&M University.

**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.*