

Program for Transfer Admission – Major Coursework Check Sheet



*****The content of this document is specific to PTA and not general academic information*****

College of Arts and Sciences

Major: Physics

Website: artsci.tamu.edu/physics-astronomy/index.html

To qualify for automatic admission through PTA, a student must:

- Students **MUST** graduate high school before they are eligible to sign up for PTA
- Complete 30 consecutive hours after high school graduation in residency at any Texas community college or a combination of Texas community colleges
- A grade of B or better must be earned on **bold, italicized** coursework on the first attempt.
- Participants are allowed a maximum of three withdrawals (W's) throughout their college career with a maximum of one withdrawal (W) per **bold, italicized** course.
- Maintain a minimum 3.2 cumulative GPA (including graded, transferable credit earned in high school)
- Attend a mandatory meeting with a Texas A&M admissions counselor and follow **ALL** PTA [guidelines](#)
- Submit all other [required documents](#) (application fee, transcripts, essay, etc.) by the appropriate deadline for admission to Texas A&M University

Required Coursework for PTA				
Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
<i>Engineering Math I</i>	4	<i>MATH 2413</i>	<i>MATH 151</i>	may be attempted no more than 3 times
<i>Engineering Math II</i>	4	<i>MATH 2414</i>	<i>MATH 152</i>	may be attempted no more than 3 times
<i>University Physics I</i>	4	<i>PHYS 2425</i>	<i>PHYS 206/207</i>	may be attempted no more than 3 times

Recommended Coursework for PTA				
Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
University Physics II	4	PHYS 2426	PHYS 207/227	
Computer Science Elective	4	COSC 1420	Select from CSCE 1110, 111, 121 or 206	Comp. Sci. Elect. – this will serve as a good foundation for PHYS 150 – Intro to Programming for Phys.
English Composition	3	ENGL 1302	ENGL 104	
Mathematics	3	MATH 2315 OR 2415	MATH 251 OR 253	
Government / Political Science	6	GOVT 2305 & 2306	POLS 206 & 207	
American History	6	HIST 1301 & 1302	HIST 105 & 106	
Communication	3			See core.tamu.edu for options
Language, Philosophy and Culture	3			See core.tamu.edu for options
Creative Arts	3			See core.tamu.edu for options
Social and Behavioral Sciences	3			See core.tamu.edu for options
International and Cultural Diversity	3			See core.tamu.edu for options
Cultural Discourse	3			See core.tamu.edu for options

We have endeavored to make this major coursework check sheet error free. All listings are based on the 2025-2026 [Texas A&M University Undergraduate Catalog](#). The catalog is the final word if a discrepancy appears.