

Program for Transfer Admission – Major Coursework Check Sheet



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

College of Science

Major: Physics

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**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
- Complete all required coursework shown below in bold italics with a grade of B or better
  - A grade of B or better must be earned on the first attempt
- 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
<b><i>Engineering Math I</i></b>	<b><i>4</i></b>	<b><i>MATH 2413</i></b>	<b><i>MATH 151</i></b>	
<b><i>Engineering Math II</i></b>	<b><i>4</i></b>	<b><i>MATH 2414</i></b>	<b><i>MATH 152</i></b>	
<b><i>University Physics I</i></b>	<b><i>4</i></b>	<b><i>PHYS 2425</i></b>	<b><i>PHYS 218</i></b>	
<b><i>University Physics II</i></b>	<b><i>4</i></b>	<b><i>PHYS 2426</i></b>	<b><i>PHYS 208</i></b>	

**Recommended Coursework for PTA**

Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
General Chemistry I	4	CHEM 1411	CHEM 119	
General Chemistry II	4	CHEM 1412	CHEM 120	
English Composition	3	ENGL 1302	ENGL 104	
Mathematics	3	MATH 2316 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 <a href="http://core.tamu.edu">core.tamu.edu</a> for options
Language, Philosophy and Culture	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options
Creative Arts	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options
Social and Behavioral Sciences	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options
International and Cultural Diversity	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options
Cultural Discourse	3			See <a href="http://core.tamu.edu">core.tamu.edu</a> for options

We have endeavored to make this major coursework check sheet error free. All listings are based on the 2021-2022 [Texas A&M University Undergraduate Catalog, Edition 144](#). The catalog is the final word if a discrepancy appears.