

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

College of Arts and Sciences

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Major: Chemistry

Website: chem.tamu.edu

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
<i>Engineering Math I</i>	4	<i>MATH 2413</i>	<i>MATH 151</i>	
<i>Engineering Math II</i>	4	<i>MATH 2414</i>	<i>MATH 152</i>	
<i>Chemistry I</i>	4	<i>CHEM 1411</i>	<i>CHEM 119</i>	
<i>Chemistry II</i>	4	<i>CHEM 1412</i>	<i>CHEM 120</i>	

Recommended Coursework for PTA				
Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
Organic Chemistry I	4	CHEM 2423	CHEM 257	A grade of B or better is required for admission into chemistry
Organic Chemistry II	4	CHEM 2425	CHEM 258	A grade of B or better is required to for admission into chemistry
Engineering Math III	4	MATH 2415	MATH 253	A grade of B or better is required to for admission into chemistry
University Physics I	4	PHYS 2425	PHYS 206/226	
University Physics II	4	PHYS 2426	PHYS 207/227	
English Composition	3	ENGL 1302	ENGL 104	
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
International and Cultural Diversity	3			See core.tamu.edu for options
Cultural Discourse	3			See core.tamu.edu for options
Social and Behavioral Sciences	3			See core.tamu.edu for options

Chemistry majors at TAMU take major specific courses that will need to be completed after transferring.

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.