



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

College of Geosciences

Departmental Contact Information: (979) 862-3697

Major: Geology (BS)

Website: geoweb.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>Physical Geology</i>	4	<i>GEOL 1403</i>	<i>GEOL 101</i>	
<i>Chemistry I</i>	4	<i>CHEM 1411</i>	<i>CHEM 101/111</i>	

Recommended Coursework for PTA

Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
Engineering Math II	4	MATH 2414	MATH 152	
Chemistry II	4	CHEM 1412	CHEM 102/112	
Historical Geology	4	GEOL 1404	GEOL 106	
Mechanics	4	PHYS 2425	PHYS 218	
Electricity	4	PHYS 2426	PHYS 219	
American History	6	HIST 1301 & 1302	HIST 105 & 106	
Government / Political Science	6	GOVT 2305 & 2306	POLS 206 & 207	
Communication	6			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

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.