

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

College of Arts &Sciences

Major: Biology, Microbiology, Molecular & Cell Biology, Neuroscience Molecular and Cell, Zoology

Website: bio.tamu.edu

Departmental Contact Information: Vanessa Nordell

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
Biology I	4	BIOL 1406	BIOL 111	
Biology II	4	BIOL 1407	BIOL 112	
Chemistry I	4	CHEM 1411	CHEM 101/111	
Chemistry II	4	CHEM 1412	CHEM 102/112	
Engineering Math I	4	MATH 2413	MATH 151	
Engineering Math II or Statistics	4/3	MATH 2414 or MATH 1342	MATH 152 or STAT 201	

Recommended Coursework for PTA

Course Title	Credits	TCCNS Course #	TAMU Course #	Notes
Organic Chemistry I	4	CHEM 2423	CHEM 257*	*or CHEM227 + CHEM237
Organic Chemistry II	4	CHEM 2425	CHEM 258*	*or CHEM228 + CHEM238
English Composition	3	ENGL 1302	ENGL 104	
College Physics I	4	PHYS 1401	PHYS 201	
College Physics II	4	PHYS 1402	PHYS 202	
Government / Political Science	6	GOVT 2305 & 2306	POLS 206 & 207	
American History	6	HIST 1301 & 1302	HIST 105 & 106	
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
Communication	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.