

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 & Sciences

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

Departmental Contact Information: **Vanessa Nordell**

Website: bio.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>Biology I</i>	4	<i>BIOL 1406</i>	<i>BIOL 111</i>	
<i>Biology II</i>	4	<i>BIOL 1407</i>	<i>BIOL 112</i>	
<i>Chemistry I</i>	4	<i>CHEM 1411</i>	<i>CHEM 101/111</i>	
<i>Chemistry II</i>	4	<i>CHEM 1412</i>	<i>CHEM 102/112</i>	
<i>Engineering Math I</i>	4	<i>MATH 2413</i>	<i>MATH 151</i>	
<i>Engineering Math II</i>	4/3	<i>MATH 2414 or MATH 1342</i>	<i>MATH 152 or STAT 201</i>	

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	PSYC2301	PBSI107	

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.