

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**

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

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 <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
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
Communication	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

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.

