



## AS – Biology to BS – Biology with Organismal Concentration 2021-2022 Transfer Pathway



AS Degree Requirements							
Austin Community College							
ACC	TAMUCT	Course Name	SCH	ACC	TAMUCT	Course Name	SCH
EDUC 1300	EDUC 1300	Learning Framework: Effective Strategies for College Success	3	CHEM 1312 <sup>2</sup>	CORE 090	General Chemistry II - Lecture	3
ENGL 1301	CORE 010	English Composition I	3	CHEM 1112 <sup>2</sup>	CORE 090	General Chemistry II – Lab	1
BIOL 1406 <sup>2</sup>	CORE 030	Cellular and Molecular Biology	4	PHYS 1401 <sup>2</sup>	CORE 090	General College Physics I	4
MATH 2412	MATH 2412	Precalculus: Functions and Graphs	3	GOVT 2306	CORE 070	Texas State and Local Government	3
ENGL 1302	CORE 010	English Composition II	3	HIST 1302	CORE 060	United States History II	3
BIOL 1407 <sup>2</sup>	CORE 030	Structure and Function of Organisms	4	ENGL 2327	CORE 040	American Literature: Beginnings through Civil War	3
MATH 2413	CORE 020	Calculus I	4	CHEM 2323 <sup>2</sup>	CHEM 2323	Organic Chemistry I – Lecture	3
CHEM 1311 <sup>2</sup>	CHEM 1311	General Chemistry I – Lecture	3	CHEM 2123 <sup>2</sup>	CHEM 2123	Organic Chemistry I - Lab	1
CHEM 1111 <sup>2</sup>	CHEM 1111	General Chemistry I – Lab	1	HIST 1301	CORE 060	United States History I	3
BIOL 2421 <sup>2</sup>	BIOL 2421	Microbiology	4	CHEM 2325 <sup>2</sup>	CHEM 2325	Organic Chemistry II – Lecture	3
GOVT 2305	CORE 070	United States Government	3	CHEM 2125 <sup>2</sup>	CHEM 2125	Organic Chemistry II – Lab	1
<b>Subtotal</b>							<b>63</b>

Additional Lower-Level or Upper-Level Degree Requirements			
Austin Community College or Texas A&M – Central Texas			
Austin Community College	Texas A&M University - Central Texas	Course Name	SCH
CORE 050 <sup>1</sup>	CORE 050	CORE 050	3
CORE 080 <sup>1</sup>	CORE 080	CORE 080	3
<b>Subtotal</b>			<b>6</b>

Upper-Level Degree Requirements					
Texas A&M University - Central Texas					
Texas A&M University - Central Texas	Course Name	SCH	Texas A&M University - Central Texas	Course Name	SCH
BIOL 3452 <sup>2</sup>	Principles of Genetics	4	BIOL 4380 <sup>2</sup>	Evolution	3
BIOL 3401 <sup>2</sup>	Ecology	4	BIOL 3318 <sup>2</sup>	Animal Physiology	3
CHEM 4430 <sup>2</sup>	Biochemistry I	4	BIOL 3445 <sup>2</sup>	Comparative Vertebrate Zoology	4
MATH 3350 <sup>2</sup>	Principles of Bio-Statistics	3	BIOL 4346 <sup>2</sup>	Animal Behavior	3
BIOL 3315 <sup>2</sup>	Advanced Physiology	3	BIOL 4395 <sup>2</sup>	Biology Capstone	3
BIOL 3430 <sup>2</sup>	Botany	4	Elective – Faculty Approved	Elective – Faculty Approved	4
BIOL 3380 <sup>2</sup>	Research Methods	3	Elective – Faculty Approved	Elective – Faculty Approved	3
BIOL 3420 <sup>2</sup> or BIOL 3440	Entomology or Invertebrate Zoology	4			
<b>Subtotal</b>					<b>52</b>
<b>Total</b>					<b>121</b>

### Notes/Comments

The following Pathway Plan is suggested for full-time students. Part-time student will need more time to complete this pathway. For assistance with pathway planning, students should schedule an appointment with an academic advisor. This guide is for planning and visualization purposes only.

1. Not all Degree Requirement courses are completed with the AS. Student will need to complete these remaining lower-level courses at the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.
2. Course must be completed with a “C” or better.