

# Biology

## A. S. Degree

<b>General Education Requirements</b>		<b>9 hours</b>
<b>Communication</b>		
ENGL 1010 Composition I	3 hours	
ENGL 1020 Composition II	3 hours	
SPCH 1010 Fundamentals of Speech Comm. or other approved speech/communication course	3 hours	
<b>Humanities and/or Fine Arts (at least one course in literature)</b>		<b>9 hours</b>
<b>Social/Behavioral Sciences</b>		<b>6 hours</b>
<b>History</b>		<b>6 hours</b>
<b>Natural Sciences</b>		<b>8 hours</b>
BIOL 1110 General Biology I	4 hours	
BIOL 1120 General Biology II	4 hours	
<b>Mathematics</b>		<b>4 hours</b>
MATH 1910 Calculus I	4 hours	
<b>General Education Total</b>		<b>42 hours</b>

<b>Area of Emphasis Requirements</b>		
MATH 1920 Calculus II* or MATH 1530 Probability/Statistics	3-4 hours	
CHEM 1110 General Chemistry I	4 hours	
CHEM 1120 General Chemistry II	4 hours	
CHEM 2010 Organic Chemistry I**	4 hours	
CHEM 2020 Organic Chemistry II**	4 hours	
<b>Area of Emphasis Total</b>		<b>19-20 hours</b>

**Biology Total** **61-62 hours**

\*At UT Knoxville, the math course must be Calculus II

\*\*At UT Knoxville, this sequence must be Organic Chemistry I and either a course in cell biology with laboratory or genetics with laboratory.

**Who offers this pathway:** [Austin Peay State University](#)

[Carson-Newman University](#)

[Chattanooga State Community College](#)

[Cleveland State Community College](#)

[Columbia State Community College](#)

[Cumberland University](#)

[Dyersburg State Community College](#)

[East Tennessee State University](#)

[Freed-Hardeman University](#)

[Jackson State Community College](#)

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[Motlow State Community College](#)  
[Nashville State Community College](#)  
[Northeast State Community College](#)  
[Pellissippi State Community College](#)  
[Roane State Community College](#)  
[Southwest Tennessee Community College](#)  
[Tennessee State University](#)  
[Tennessee Tech University](#)  
[Tennessee Wesleyan College](#)  
[Trevecca Nazarene University](#)  
[Union University](#)  
[University of Memphis](#)  
[University of Tennessee- Chattanooga](#)  
[University of Tennessee- Knoxville](#)  
[University of Tennessee- Martin](#)  
[Volunteer State Community College](#)  
[Walters State Community College](#)  
**Pathway Worksheet:**  [Biology AS.pdf](#)

**Source URL:** <http://www.tntransferpathway.org/programs/biology>