

**B.S. Biology General**

This pathway leads from an Biology A.S. (TTP) degree from Chattanooga State Community College to a Bachelor of Science degree with a major in Biology General from the University of Tennessee at Chattanooga.

**Chattanooga State Community College**

<b>First Year – 29-30 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENGL 1010: English Composition I*	3	ENGL 1020: English Composition II*	3
MATH 1830: Applied Calculus or MATH 1910: Calculus I	3-4	MATH 1530: Introductory Statistics	3
CHEM 1110: General Chemistry I*	4	CHEM 1120: General Chemistry II*	4
History to satisfy Gen Ed	3	History to satisfy Gen Ed	3
		Social/Behavioral Science to satisfy Gen Ed (PSYC 1030: Introduction to Psychology**)	3
	13-14		16
<b>Second Year – 31 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
CHEM 2010: Organic Chemistry I*	4	CHEM 2020: Organic Chemistry II	4
BIOL 1110: General Biology I*	4	BIOL 1120: General Biology II*	4
COMM 2025: Fundamentals of Communication	3	Literature to satisfy Gen Ed	3
Humanities/Fine Arts to satisfy Gen Ed	3	Humanities/Fine Arts to satisfy Gen Ed	3
		Social/Behavioral Science to satisfy Gen Ed (SOCI 1010: Introduction to Sociology**)	3
	14		17

\* Must earn a C or better grade

\*\*Students who select the Biology TTP with the intention to concentrate in pre-med or other pre-health related fields are strongly recommended to take PSYC 1030 and SOCI 1010

Students must verify Chattanooga State Community College graduation requirements per catalog

**University of Tennessee at Chattanooga**

<b>Third Year – 29-31 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
Foreign Language Sequence I***	3-4	Foreign Language Sequence II***	3-4
BIOL 1130: Principles of Biology III	3	BIOL 3060: Ecology	3
ENGL 2820: Scientific Writing****	3	BIOL 3250: Genetics	3
PHYS 1030/1030L: General Physics: Mechanics & Heat/Lab or GEOL 1110/1110L: Physical Geology/Lab	4	PHYS 1040/1040L: General Physics: Electromagnetism & Optics/Lab or GEOL 1120/1120L: Historical Geology/Lab	4
		Elective (3000-4000 level)	3
	13-14		16-17
<b>Fourth Year – 29-31 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
BIOL 3350: Evolution	3	Approved BIOL Survey Elective	4
Approved BIOL Survey Elective	4	Approved BIOL Advanced Ecology & Evolution Elective	3-4
Approved BIOL Cell & Physiology Elective	3-4	BIOL Elective (4000 level)	4
Elective (3000-4000 level)	3	BIOL Elective (3000-4000 lab)	0-2
Elective (3000-4000 level)	2-3	Elective (3000-4000 level)	0-3
	15-17		11-17

\*\*\*One year sequence of a single foreign language

\*\*\*\*Students can substitute BIOL 4995r: Departmental Thesis for ENGL 2820

<b>Completed:</b>			
<b>Graduation Requirements:</b>		<b>Degree Requirements:</b>	
120 Total Hours		30 General Education Hours	
39 Upper Division (3000-4000) Hours		72-76 Program (Major) Hours	
30 Hours at UTC		Minor ( <i>Not Required</i> )	
60 Hours at 4-year institution		8-14 Elective Hours	
		6-8 Foreign Language Hours	

This Transfer Path is a supplemental resource only. Students should consult their catalog year for official lists of general education courses, program requirements, pre-requisites, and co-requisites.