

**CSCU Pathway Transfer Degree: Biology Studies, A.A.**  
**Capital Community College**

**Campus contact for this program:** Professor Dr. Cleo Rolle [crolle@capitalcc.edu](mailto:crolle@capitalcc.edu)

**With this degree you will be able to transfer to the following majors:**

<b>At Central Connecticut State University:</b>	<b>Biology – General Biology, B.S.</b> <b>Biology – Ecology, Biodiversity, and Evolutionary Biology, B.S.</b> <b>Biology – Environmental Science, B.S.</b>
<b>At Eastern Connecticut State University:</b>	<b>Biology, B.A.</b> <b>Biology, B.S.</b>
<b>At Southern Connecticut State University:</b>	<b>Biology, B.A.</b> <b>Biology, B.S.</b>
<b>At Western Connecticut State University:</b>	<b>Biology, B.A.</b> <b>Ecology, B.A.</b>
<b>At Charter Oak State College:</b>	<b>General Studies – Biology Concentration, B.A.</b>

Here is the recommended course of study for the **Biology Studies Transfer Degree**. If you are studying part time, simply follow the order of the courses listed here. Note that not all courses will be available every semester. You will notice that in many instances you will be able to choose the specific course you will take from within a category. For a list of the courses from each category that you can choose from, go to [Appendix \(PDF\)](#).

**First Semester:****15 credits**

ENG 101 Composition	3 credits
MAT 186 Pre-Calculus	4 credits
BIO 121 General Biology I	4 credits
CHE 121 General Chemistry I	4 credits

**Second Semester:****14-15 credits**

BIO 122 General Biology II	4 credits
CHE 122 General Chemistry II	4 credits
MAT 254 Calculus I or General Education Elective	3-4 credits
The following course will fulfill an additional general education requirement in all of the programs listed above. Speak with your advisor about other possible choices.	
ART 111 Drawing I	
Choose one <b>Written Communication II</b> course	3 credits

**Third Semester:****14 credits**

Choose one from the following:*	4 credits
BIO 235 Microbiology	
BIO 211 Anatomy and Physiology I	
BIO 230 Advanced Techniques in Biotechnology	
BIO 265 Synthetic Biology	
PHY 121 General Physics I	4 credits
Choose one <b>Social Phenomena I</b> course	3 credits
Choose one <b>Aesthetic Dimensions I</b> course	3 credits

**Fourth Semester:****17 credits**

Choose one not already taken from the following:*	4 credits
BIO 235 Microbiology	

BIO 211 Anatomy and Physiology I	
BIO 212 Anatomy and Physiology II	
BIO 230 Advanced Techniques in Biology	
BIO 265 Synthetic Biology	
PHY 122 General Physics II	4 credits
Choose one <b>Historical Knowledge and Understanding</b> course	3 credits
Choose one <b>Social Phenomena II</b> course	3 credits
Choose one <b>Aesthetic Dimensions II</b> course	3 credits

### Here is another way to look at the degree, by requirements

Unless a course is specifically designated, such as ENG 101 Composition for **Written Communication I**, you will have a choice about which course you take. For a list of the courses from each category that you can choose from, go to [Appendix \(PDF\)](#).

<b>General Education Requirements:</b>	<b>33 credits</b>
<b>Written Communication I:</b> ENG 101 Composition	3 credits
<b>Written Communication II (select one):</b>	3 credits
<b>Scientific Reasoning:</b> BIO 121 General Biology I	4 credits
<b>Scientific Knowledge and Understanding:</b> CHE 121 General Chemistry I	4 credits
<b>Quantitative Reasoning:</b> MAT 186 Pre-Calculus	4 credits
<b>Historical Knowledge and Understanding (select one):</b>	3 credits
<b>Social Phenomena I (select one):</b>	3 credits
<b>Social Phenomena II (select one):</b>	3 credits
<b>Aesthetic Dimensions I (select one):</b>	3 credits
<b>Aesthetic Dimensions II (select one):</b>	3 credits
<b>Major Program Requirements:</b>	<b>27-28 credits</b>
BIO 122 General Biology II	4 credits
Choose two of the following:*	8 credits
BIO 235 Microbiology	
BIO 211 Anatomy and Physiology I	
BIO 212 Anatomy and Physiology II	
BIO 230 Advanced Techniques in Biology	
BIO 265 Synthetic Biology	
CHE 122 General Chemistry II	4 credits
PHY 121 General Physics I	4 credits
PHY 122 General Physics II	4 credits
MAT 254 Calculus I or General Education Elective	3-4 credits
The following course will fulfill an additional general education requirement in all of the programs listed above. Speak with your advisor about other possible choices.	
ART 111 Drawing I	

\*You may take any 200-level Biology Lab Science course(s) for this category.

**Biology Transfer Degree Total:**

**60-61 credits**

**In order to graduate and be guaranteed admission to a State University or to Charter Oak State College, you must earn an overall 2.0 grade point average.**

**These requirements are effective if you declared this major for the 2016/17 academic year**