

Program sheets from previous years
[2016/2017](#)

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

Please contact a campus advisor for this program

Professor Patrick Bryan, PBryan@mxcc.edu

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These requirements are effective if you declared this major for the 2016/17 or 2017/18 academic years.

With this degree, you will be able to transfer to the following majors. Follow this [link](#) for important information about when and how to apply for transfer to a State University or Charter Oak State College.

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

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

15 credits

BIO 122 General Biology II	4 credits
CHE 122 General Chemistry II	4 credits
Choose one from the following**	3-4 credits
MAT 254 Calculus (4 credits)	
Additional General Education I: Creativity (3 credits)	
Additional General Education II: Global Knowledge (3 credits)	
Choose one Written Communication II course	3 credits

Begin the [transfer application process](#) in your third semester or the semester before you plan to graduate. FAFSA becomes available October 1.

Third Semester

14 credits

Choose one from the following*	4 credits
BIO 235 Microbiology	
BIO 270 Ecology	
BIO 211 Anatomy and Physiology I	

BIO 222 Molecular Biotechniques	
BIO 263 Molecular Genetics	
PHY 121 General Physics I	4 credits
Choose one Social Phenomena course	3 credits
Choose one Aesthetic Dimensions course	3 credits

During your last semester at MxCC, apply for graduation [by the dates found here](#).

Fourth Semester 17 credits

Choose one not already taken from the following*	4 credits
BIO 235 Microbiology	
BIO 270 Ecology	
BIO 211 Anatomy and Physiology I	
BIO 212 Anatomy and Physiology II	
BIO 222 Molecular Biotechniques	
BIO 263 Molecular Genetics	
PHY 122 General Physics II	4 credits
Choose one Historical Knowledge and Understanding course	3 credits
Choose another Social Phenomena course	3 credits
Choose one Oral Communication course	3 credits

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

**You need to take MAT 254 or an Additional General Education Elective I or II for a total of 3-4 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 \(PDF\)](#).

General Education Requirements 33 credits

Written Communication I	3 credits
ENG 101 Composition	
Written Communication II (select one)	3 credits
Scientific Reasoning	4 credits
BIO 121 General Biology I	
Scientific Knowledge and Understanding	4 credits
CHE 121 General Chemistry I	
Quantitative Reasoning	4 credits
MAT 186 Pre-Calculus	
Historical Knowledge and Understanding (select one)	3 credits
Social Phenomena (select two)	6 credits
Aesthetic Dimensions (select one)	3 credits
Oral Communication (select one)	3 credits
Additional General Education I: Creativity **	0-3 credits
Additional General Education II: Global Knowledge**	0-3 credits

Major Program Requirements 28 credits

BIO 122 General Biology II	4 credits
Select two of the following*	8 credits
BIO 235 Microbiology	
BIO 270 Ecology	
BIO 211 Anatomy and Physiology I	
BIO 212 Anatomy and Physiology II	
BIO 222 Molecular Biotechniques	
BIO 263 Molecular Genetics	
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	4 credits

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

**You need to take MAT 254 or an Additional General Education Elective I or II (not all three) for a total of 3-4 credits.

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.