TRANSFER TICKET

CSCU Pathway Transfer Degree: Biology Studies, A.A.
Naugatuck Valley Community College
Catalog Year 2022-23

Please contact a campus advisor for this program
Professor Larry Altman, laltman@nv.edu

These requirements are effective if you declared the Transfer Ticket: CSCU Pathway Transfer Degree: Biology Studies, A.A. major for the 2016/17 through 2022/23 academic year.

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.
Biology, B.S.

At Southern Connecticut State University
Biology, B.A.
Biology, B.S.

At Western Connecticut State University
Biology, B.A.
Ecology, B.A.

Here is the recommended course of study for the CSCU Pathway Transfer Degree: Biology Studies, A.A. 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*  
BIO 235 Microbiology  
BIO 211 Anatomy and Physiology I  
BIO 225 Introduction to Biotechnology  
BIO 262 Genetics & Lab

Choose one from the following:  
PHY 121 General Physics I  
PHY 221 Calculus Based Physics I  
CHE 211 Organic Chemistry I

Choose one Social Phenomena course  
Choose one Aesthetic Dimensions course

**During your last semester at NVCC, apply for graduation by the dates found here.**

**Fourth Semester**  
17 credits

Choose one not already taken from the following*  
BIO 235 Microbiology  
BIO 211 Anatomy and Physiology I  
BIO 212 Anatomy and Physiology II  
BIO 225 Introduction to Biotechnology  
BIO 227 Biotechnology II  
BIO 262 Genetics & Lab

Choose one from the following:  
PHY 122 General Physics II  
PHY 222 Calculus Based Physics II  
CHE 212 Organic Chemistry II

Choose one Historical Knowledge and Understanding course  
Choose one Continued Learning and Information Literacy course  
Choose one Oral Communication course

*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.

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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

<table>
<thead>
<tr>
<th>Written Communication I</th>
<th>3 credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 101 Composition</td>
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</table>

<table>
<thead>
<tr>
<th>Written Communication II (select one)</th>
<th>3 credits</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Scientific Reasoning</th>
<th>4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 121 General Biology I</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Scientific Knowledge and Understanding</th>
<th>4 credits</th>
</tr>
</thead>
</table>
CHE 121 General Chemistry I

**Quantitative Reasoning**
MAT 186 Pre-Calculus

**Historical Knowledge and Understanding (select one)**

**Social Phenomena (select one)**

**Aesthetic Dimensions (select one)**

**Continued Learning and Information Literacy (select one)**

**Oral Communication (select one)**

**Additional General Education I: Creativity **

**Additional General Education II: Global Knowledge**

**Major Program Requirements**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIO 122 General Biology II</td>
<td>4</td>
</tr>
<tr>
<td>Select two from the following</td>
<td>8</td>
</tr>
<tr>
<td>BIO 235 Microbiology</td>
<td></td>
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<tr>
<td>BIO 211 Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>BIO 212 Anatomy and Physiology II</td>
<td></td>
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<tr>
<td>BIO 225 Introduction to Biotechnology</td>
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<tr>
<td>BIO 227 Biotechnology II</td>
<td></td>
</tr>
<tr>
<td>BIO 262 Genetics &amp; Lab</td>
<td></td>
</tr>
<tr>
<td>CHE 122 General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>Select one of the following sequences:</td>
<td>8</td>
</tr>
<tr>
<td>PHY 121 General Physics I and PHY 122 General Physics II</td>
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<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PHY 221 Calculus Based Physics I and PHY 222 Calculus Based Physics II</td>
<td></td>
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<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHE 211 Organic Chemistry I and CHE 212 Organic Chemistry II</td>
<td></td>
</tr>
<tr>
<td>MAT 254 Calculus I**</td>
<td>0-4</td>
</tr>
</tbody>
</table>

*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.

**CSCU Pathway Transfer Degree: Biology Studies, A.A. Total**

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.