
TRANSFER TICKET

CSCU Pathway Transfer Degree: Biochemistry Studies, A.A. Three Rivers Community College Catalog Year 2022-23

Previous catalog years

[2019/20](#)

[2020/21](#)

[2021/22](#)

Please contact a campus advisor for this program

Professor Vandana Basu, VBasu@trcc.commnet.edu

These requirements are effective if you declared the *Transfer Ticket: CSCU Pathway Transfer Degree: Biochemistry Studies, A.A.* major for the 2019/20 through 2022/23 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.

| | |
|--|---|
| At Central Connecticut State University | Biochemistry – General Track, B.S. |
| At Eastern Connecticut State University | Biochemistry – American Chemical Society Certified, B.S. |
| At Southern Connecticut State University | Biochemistry, B.S. |
| At Western Connecticut State University | Chemistry – Concentration: Biochemistry, B.S. |
| | Biochemistry – Non-American Chemical Society Approved, B.S. |
| | Biochemistry – American Chemical Society Approved, B.S. |

Here is the recommended course of study for the **CSCU Pathway Transfer Degree: Biochemistry 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 14 credits

| | |
|---|-----------|
| ENG 101 Composition | 3 credits |
| MAT 186 Pre-Calculus I | 4 credits |
| CHE 121 General Chemistry I | 4 credits |
| Choose one Aesthetic Dimensions course | 3 credits |

Second Semester 15 credits

| | |
|---|-----------|
| CHE 122 General Chemistry II | 4 credits |
| MAT 254 Calculus I | 4 credits |
| BIO 121 General Biology I | 4 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 15 credits

| | |
|---|-----------|
| CHE 211 Organic Chemistry I | 4 credits |
| PHY 221 Calculus-based Physics I | 4 credits |
| Bio 235 Microbiology | 4 credits |
| Choose one Social Phenomena course | 3 credits |

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

Fourth Semester **16 credits**

| | |
|---|-----------|
| CHE 212 Organic Chemistry II | 4 credits |
| Choose one Critical Analysis and Logical Thinking course | 3 credits |
| Choose one Historical Knowledge and Understanding course | 3 credits |
| Choose one Oral Communication course | 3 credits |
| Unrestricted Elective** | 3 credits |

**Recommended:

BIO 122 General Biology II

OR

PHY 222 Calculus-Based Physics II is recommended for this open elective with the following considerations:

PHY II is required at CCSU, ECSU, WCSU

BIO II is required at WCSU

If you complete both sequences at the community college and transfer to WCSU, both sequences will be accepted at WCSU and you will have 4 fewer credits to complete at WCSU after transfer. If you know you are transferring to SCSU, you may decide not to use this open elective for PHY II or BIO II.

Also see the additional note about open electives below.

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

General Education Requirements **33 credits**

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 \(PDF\)](#).

| | |
|---|-----------|
| Written Communication I ENG 101 Composition | 3 credits |
| Written Communication II (select one) | 3 credits |
| Scientific Reasoning CHE 121 General Chemistry I | 4 credits |
| Scientific Knowledge and Understanding CHE 122 General Chemistry II | 4 credits |
| Quantitative Reasoning MAT 186 Pre-Calculus | 4 credits |
| Historical Knowledge and Understanding (select one) | 3 credits |
| Social Phenomena (select one) | 3 credits |
| Aesthetic Dimensions (select one) | 3 credits |
| Oral Communication (select one) | 3 credits |
| Critical Analysis and Logical Thinking (select one) | 3 credits |

Major Program Requirements **24 credits**

| | |
|------------------------------|-----------|
| BIO 121 General Biology I | 4 credits |
| BIO 235 Microbiology | 4 credits |
| CHE 211 Organic Chemistry I | 4 credits |
| CHE 212 Organic Chemistry II | 4 credits |

PHY 221 Calculus-based Physics I
MAT 254 Calculus I

4 credits
4 credits

Unrestricted Electives***

3 credits

***You are free to choose any courses at or above 100-level to complete unrestricted electives, although you may need to use these credits to take courses that prepare you for required courses in the degree program. You should also consider using unrestricted electives to meet foreign language requirements at Central, Eastern and Western Connecticut State Universities or to begin work on completing a minor. Central Connecticut State University does not require that you complete a minor with this major. You can also complete other General Education requirements for CCSU, SCSU, WCSU, and COSC—but not ECSU. You are encouraged to meet with your advisor to determine which courses to select.

CSCU Pathway Transfer Degree: Biochemistry Studies, A.A. Credit Total: 60 credits

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