

**AGREEMENT  
FOR  
TRANSFER ARTICULATION  
BETWEEN**

**STATE UNIVERSITY OF NEW YORK AT OSWEGO  
BACHELOR OF ARTS in BIOLOGY**

**AND**

**TOMPKINS CORTLAND COMMUNITY COLLEGE  
ASSOCIATE OF SCIENCE in BIOLOGY**

**\* \* \* \* \***

**INTRODUCTION**

**This document constitutes an agreement regarding articulation for the program identified between the State University of New York at Oswego and Tompkins Cortland Community College. The agreement includes the parallel program where full junior status will be afforded Tompkins Cortland Community College graduates as well as identifies other program options and appropriate course credit equivalencies.**

**OBJECTIVES**

- \* To attract qualified students to Tompkins Cortland Community College and to the State University of New York at Oswego.**
- \* To encourage academic coordination and other faculty/administrative interactions, including curricular reviews and administrative streamlining.**
- \* To provide for the exchange of information on successes and failures of this transfer program in order that improvements might be made.**

# PROGRAM to PROGRAM ARTICULATION

|                                                                   |                                                                      |
|-------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Tompkins Cortland Community College</b><br><b>Biology A.S.</b> | <b>State University of New York at Oswego</b><br><b>Biology B.A.</b> |
|-------------------------------------------------------------------|----------------------------------------------------------------------|

**Equivalency Table**

| <b>Course #</b>                      | <b>Course Title</b>                                                           | <b>Credits</b> | <b>Course #</b>                  | <b>Course Title</b>                                                               | <b>Credits</b> |
|--------------------------------------|-------------------------------------------------------------------------------|----------------|----------------------------------|-----------------------------------------------------------------------------------|----------------|
| BIOL 104                             | General Biology I                                                             | 4              | BIO 120                          | Molecular and Cellular Foundations                                                | 4              |
| CHEM 107                             | General Chemistry I                                                           | 4              | CHE 111                          | General Chemistry                                                                 | 4              |
| ENGL 100                             | Academic Writing I                                                            | 3              | ENG 101                          | Composition I                                                                     | 3              |
| BIOT 101 or FSS 138                  | Intro to Biotechnology or Freshman Seminar Math/Science                       | 1              |                                  | Elective                                                                          | 1              |
| BIOT 102                             | Introduction to Biotechniques                                                 | 1              |                                  | Elective                                                                          | 1              |
| SUNY GEN ED Social Sciences Elective |                                                                               | 3              |                                  | SUNY GEN ED Social Sciences                                                       | 3              |
| BIOL 105                             | General Biology II                                                            | 4              | BIO 220                          | Diversity of Life                                                                 | 4              |
| CHEM 108                             | General Chemistry II                                                          | 4              | CHE 212                          | General Chemistry II                                                              | 4              |
| ENGL 101                             | Academic Writing II                                                           | 3              | ENG 102                          | Composition II                                                                    | 3              |
| MATH 138                             | Precalculus                                                                   | 4              | MAT 120                          | Precalculus                                                                       | 4              |
| CHEM 205                             | Organic Chemistry I                                                           | 4              | CHE 331/333                      | Organic Chemistry I/Lab                                                           | 4              |
| BIOL 205 and 206 or BIOL 211         | General Genetics and Molecular Genetic Techniques (Recommended) or Ecology    | 4              | BIO 315/316 or BIO 320           | Genetics/Genetics Lab (Recommended) or Introductory Ecology                       | 4              |
| MATH 200 or MATH 201                 | Statistics (Recommended) or Calculus I                                        | 3              | MAT 179 or MAT 210               | Measuring Life (Recommended) or Calculus I                                        | 3              |
| Restricted Elective                  |                                                                               | 3              |                                  | Elective                                                                          | 3              |
| ENGL 201 or ENGL 204 or ENGL 210     | Public Speaking or Interpersonal Communication or Intercultural Communication | 3              | COM 210 or COM 212               | Critical Thinking and Public Speaking or Interpersonal Communications or Elective | 3              |
| ENGL 102                             | Approaches to Literature                                                      | 3              | ENG 204                          | Writing About Literature                                                          | 3              |
| SUNY GEN ED Restricted Elective      |                                                                               | 3              |                                  | SUNY GEN ED                                                                       | 3              |
| Restricted Elective                  |                                                                               | 3              |                                  | Elective                                                                          | 3              |
| Unrestricted Elective                |                                                                               | 3              |                                  | Elective                                                                          | 3              |
| <b>TOTAL CREDITS</b>                 |                                                                               | <b>60</b>      | <b>TOTAL CREDITS TRANSFERRED</b> |                                                                                   | <b>60</b>      |

**Remaining Coursework**  
**Tompkins Cortland Community College: Biology A.S.**  
**SUNY Oswego: Biology B.A.**

| Course #                                                                                                                                                                                        | Course Title                                                                                                                                                                                                                   | Credits/Transferred                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>CORE REQUIREMENTS (12 cr)</b>                                                                                                                                                                |                                                                                                                                                                                                                                |                                                       |
| BIO 110                                                                                                                                                                                         | Biology Seminar                                                                                                                                                                                                                | 1                                                     |
| BIO 120                                                                                                                                                                                         | Molecular and Cellular Foundations                                                                                                                                                                                             | Transferred (BIOL 104)                                |
| BIO 220                                                                                                                                                                                         | Diversity of Life                                                                                                                                                                                                              | Transferred (BIOL 105)                                |
| BIO 315                                                                                                                                                                                         | Genetics                                                                                                                                                                                                                       | 3 or Transferred (BIOL 205)                           |
| BIO 316                                                                                                                                                                                         | Genetics Lab                                                                                                                                                                                                                   | 1 or Transferred (BIOL 206)                           |
| <b>CAPSTONE REQUIREMENT (3 cr)</b>                                                                                                                                                              |                                                                                                                                                                                                                                |                                                       |
| BIO 425                                                                                                                                                                                         | Evolution                                                                                                                                                                                                                      | 3                                                     |
| <b>ELECTIVE REQUIREMENTS (21 cr)</b>                                                                                                                                                            |                                                                                                                                                                                                                                |                                                       |
| Area Electives                                                                                                                                                                                  | Choose at least 1 course from each Area 1,2 and 3                                                                                                                                                                              |                                                       |
| AREA 1: Organismal Biology                                                                                                                                                                      |                                                                                                                                                                                                                                | 3-4                                                   |
| AREA 2: Ecology (with field component)                                                                                                                                                          |                                                                                                                                                                                                                                | 3-4                                                   |
| AREA 3: Molecular/Cellular Physiology                                                                                                                                                           |                                                                                                                                                                                                                                | 3-4                                                   |
| Free Electives in department. Select from BIO and ZOO courses, CHE 461 and 462.<br>Excluded courses are BIO 101, 203, 207, 211 and 492. BIO 370 and ZOO 330 cannot both be used as an elective. |                                                                                                                                                                                                                                | 12-15                                                 |
| <b>COGNATE REQUIREMENTS (25-31)</b>                                                                                                                                                             |                                                                                                                                                                                                                                |                                                       |
| CHE 111                                                                                                                                                                                         | General Chemistry I                                                                                                                                                                                                            | Transferred (CHEM 107)                                |
| CHE 212                                                                                                                                                                                         | General Chemistry II                                                                                                                                                                                                           | Transferred (CHEM 108)                                |
| Choose 1 sequence:<br>1. CHE 331/333 and CHE 332/334<br>OR<br>2. CHE 230/233 and CHE 360/363                                                                                                    | 1. Organic Chemistry/Organic Chemistry Lab and Organic Chemistry II/Organic Chemistry II Lab<br>OR<br>2. Introductory Organic Chemistry/Intro to Organic Chemistry Lab<br>And Introductory Biochemistry/Intro Biochemistry Lab | Transferred (CHEM 205)<br>4                           |
| Select 1 Physics option:<br>1. PHY 101 or<br>2. PHY 111 & PHY 212<br>3. PHY 112 & PHY 213                                                                                                       | Introductory Physics<br>College Physics I & College Physics II<br>General University Physics I & General University Physics II                                                                                                 | 3-8                                                   |
| Select 1 from each of 2 Math groups:<br>1. MAT 120 or MAT 210 and<br>2. MAT 179                                                                                                                 | Precalculus or Calculus I and<br>Measuring Life                                                                                                                                                                                | Transferred (MATH 138)<br>3 or Transferred (MATH 200) |
| <b>GRADUATION REQUIREMENTS*</b>                                                                                                                                                                 |                                                                                                                                                                                                                                |                                                       |
| 300-499                                                                                                                                                                                         | Upper Division Elective                                                                                                                                                                                                        | 3                                                     |
| 300-499                                                                                                                                                                                         | Upper Division Elective                                                                                                                                                                                                        | 3                                                     |
| 300-499                                                                                                                                                                                         | Upper Division Elective                                                                                                                                                                                                        | 3                                                     |
| 300-499                                                                                                                                                                                         | Upper Division Elective                                                                                                                                                                                                        | 3                                                     |
| 300-499                                                                                                                                                                                         | Upper Division Elective                                                                                                                                                                                                        | 3                                                     |
|                                                                                                                                                                                                 | Elective                                                                                                                                                                                                                       | 3                                                     |
|                                                                                                                                                                                                 | Elective                                                                                                                                                                                                                       | 3                                                     |

|  |                                              |            |
|--|----------------------------------------------|------------|
|  | Elective*                                    | 3          |
|  | <b>GENERAL EDUCATION REQUIREMENTS</b>        |            |
|  | Met with coursework in AA/AS Degree from TC3 |            |
|  | <b>Total Credits at SUNY Oswego</b>          | <b>60*</b> |

\*Remaining credits are dependent on course choices. Transfers from TC3 must complete a minimum of 120 credits and have 42 upper division credits to graduate from Oswego with a BA in Biology.

**Notes:**

Students who transfer to Oswego after completing SUNY General Education (SUNY-GER, July 2010 or SUNY GE, Fall 2023) or the equivalent at a previous institution (or institutions) are exempt from all of Oswego's specific general education requirements.

**Bachelor's degree graduation requirements:**

- 120-128 credits, depending on major
- Minimum of 30 credits and ½ the major completed at Oswego
- 42 upper division credits (300-400 level courses)
- no more than 54 hours in any one discipline can count towards a BA degree

## **TERMS**

Tompkins Cortland Community College agrees to promulgate information and to advise interested students of the provision of general and specific sections of this agreement.

Qualified transfer students will be able to complete degree requirements with a normal load in four semesters in the program identified.

The State University of New York at Oswego agrees to accept as juniors those students who have successfully completed the courses outlined in the degree program identified in this agreement. The grade point average for Tompkins Cortland Community College degree graduates for acceptance to State University of New York at Oswego shall be 2.3 or above.

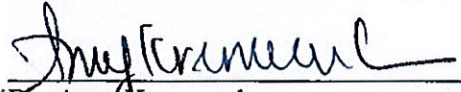
On a routine basis, faculty and administrative staff from both institutions will confer on matters of curriculum content and other program details.

## **Review/Revision Agreement**

This agreement will become effective upon signature and shall be reviewed when substantive changes are made in the curriculum on either campus.

**APPROVED FOR:**

**TOMPKINS CORTLAND COMMUNITY COLLEGE**

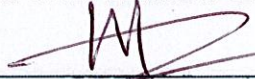
  
\_\_\_\_\_  
Dr. Amy Kremenek  
President

6/1/26.  
Date

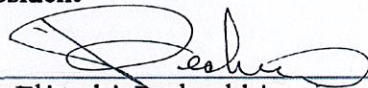
  
\_\_\_\_\_  
Dr. Aaron Tolbert  
Provost and Vice President of Academic Affairs

5/28/26  
Date

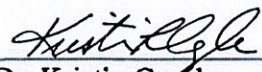
**STATE UNIVERSITY OF NEW YORK AT OSWEGO**

  
\_\_\_\_\_  
Dr. Peter O. Nwosu  
President

8/4/26  
Date

  
\_\_\_\_\_  
Dr. Ekaterina Pechenkina  
Provost, Vice President for Academic Affairs

7.28.2026  
Date

  
\_\_\_\_\_  
Dr. Kristin Croyle  
Dean, College of Liberal Arts, Sciences and Engineering

7/22/2026  
Date