

## Transfer Planning Sheet (SUNY Broome) Conservation Biology (CON)

The following SUNY Cortland courses are recommended by the department to complete prior to transfer. The transfer credit limit from a 2-year college is 64 credits. All classes are three (3) credits unless otherwise noted. [SUNY Transfer Path](#) courses are underlined and notated in blue. Transfer students who have completed SUNY General Education prior to attending SUNY Cortland will have met their General Education requirements at SUNY Cortland.

SUNY General Education/Cortland Degree Requirements (27 credits) Course I will complete at my current college:

- |   |         |
|---|---------|
| ○ Communication 1 (GEC1)*<br>CPN 100 Writing Studies I  | ENG 110 |
| ○ Communication 2 (GEC2)*<br>CPN 101 Writing Studies II | ENG 111 |
| ○ Communication – Presentation (GEC2)*                  | _____   |
| ○ Diversity: Equity, Inclusion & Social Justice (GEDI)* | _____   |
| ○ Humanities (GEHU)                                     | _____   |
| ○ The Arts (GEAR)                                       | _____   |
| ○ US History & Civic Engagement (GEUS)                  | _____   |
| ○ World History & Global Awareness (GEWH)               | _____   |
| ○ World Languages (GEWL)**                              | _____   |

\*Indicates required SUNY General Education Category

\*\*A foreign language course at the beginning level I (101) is required for this major. Sign language is acceptable as a foreign language for this major.

Major Requirements (29-30 credits):

- |   |                       |
|---|-----------------------|
| ○ *BIO 201 Biological Sciences I (4 cr) (will also fulfill GE Natural Sciences*)          | BIO 118               |
| ○ *BIO 202 Biological Sciences II (4 cr)  | BIO 117               |
| ○ <u>*CHE 227 and 277 General Chemistry I with lab</u> (4 cr)                             | CHM 145 AND 145L      |
| ○ <u>*CHE 228 and 278 General Chemistry II with lab</u> (4 cr)                            | CHM 146 AND 146L      |
| ○ CHE 300 and 303 Organic Chemistry I with lab (4 cr)                                     | CHM 245 AND 245L      |
| ○ MAT 201 Statistical Methods (will also fulfill GE Mathematics*)                         | MAT 124               |
| ○ EST 100 Introduction to Environmental Studies<br>(will also fulfill GE Social Sciences) | CHM 123 AND 123L      |
| ○ MAT 121 Calculus A <i>OR</i> MAT 135 Calculus I (4 cr)                                  | MAT 146 OR 160 OR 181 |

\* Courses must be completed in order to transfer at full junior status and progress into upper division biology courses.

Electives (7-8 credits)

BIO Elective Options

- |                           |         |
|---------------------------|---------|
| ○ BIO 304 Microbiology    | BIO 150 |
| ○ BIO 412 General Ecology | BIO 212 |
- Students who are not prepared for calculus should take pre-calculus as an elective.
- Students are encouraged to avoid taking 100-level biology courses other than introductory biology, and to avoid taking human anatomy and physiology courses, as well as other biology courses designed for non-majors.

Total: 64

# Conservation Biology

## School of Arts and Sciences

The program requirements pertain to the Undergraduate Catalog and are intended as a guide for academic planning. Students currently on SUNY campuses should consult their academic advisor for additional choices in general education categories when any course is recommended.

- To view all required courses for the program and Cortland's General Education courses, see the most current undergraduate [Catalog](#).
- Use the [transfer equivalency tables](#) to choose equivalents at your transfer college.
- If you plan to transfer before you complete your associate's degree, you can still earn your degree via [Reverse Transfer](#).

## About Conservation Biology

You'll find a strong emphasis on the biology of organisms and ecosystems along with the application of modern scientific approaches to environmental problems and their connections to human activities when you study conservation biology at SUNY Cortland. It also was one of the first programs of the kind offered at the undergraduate level.

## Career Potential

- Biologist with state and federal agencies
- Conservation biologist with non-profit organization
- Ecologist
- Environmental analyst
- Naturalist at national and state parks
- Wildlife ecologist

## Special Features

- Field facilities as part of the W.H. Parks Family Center for Environmental and Outdoor Education include:
  - Hoxie Gorge Nature Preserve located seven miles from the College, Antlers and Camp Huntington in the Adirondacks, and Brauer Field Station near Albany
- Faculty dedicated to providing quality education and research opportunities include:
- find yourself presenting your scientific findings at local and regional professional meetings.
- Study and work in our state-of-the-art classroom and research facility.

## Applying to Cortland

- SUNY Cortland accepts the Common Application and the SUNY Online [application](#). Choose just one way to apply; both require a \$50 non-refundable application fee.
- If you apply to Cortland using the SUNY application, SUNY will waive the \$50 application fee for transfer students graduating with an associate degree from a SUNY or CUNY college, who apply directly to Cortland for baccalaureate programs.
- Fall applicants should apply by March 1. Spring applications should apply by November 1.
- After [applying](#), students must send transcripts from all colleges attended and a high school transcript.