

SUNY Broome

Transfer Planning Sheet – Adolescence Education: Biology (ABI)

The following 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.

SUNY General Education/Cortland Degree Requirements (24 credits):

Course I will complete at my current college:

- | | |
|--|----------------|
| 1. GE 4 U.S. History & Society: HIS 200 The United States to 1877, <i>OR</i>
HIS 201 The United States since 1877 | HIS 130 OR 131 |
| 2. Any GE 6 Contrasting Cultures/Other World Civilization | _____ |
| 3. Any GE 7 Humanities | _____ |
| 4. Any GE 8 The Arts | _____ |
| 5. Any GE 9 Foreign Language** | _____ |
| 6. CPN 100 Writing Studies I | ENG 110 |
| 7. CPN 101 Writing Studies II | ENG 111 |

Major Requirements (29 credits):

- | | |
|--|------------------------|
| 1. <u>*BIO 201 Biological Sciences I</u> (4 cr) (will also fulfill GE 2 Natural Sciences) | BIO 118 |
| 2. <u>*BIO 202 Biological Sciences II</u> (4 cr) | BIO 117 |
| 3. <u>*CHE 227 and 277 General Chemistry I with lab</u> (4 cr) | CHM 145 AND 145L |
| 4. <u>*CHE 228 and 278 General Chemistry II with lab</u> (4 cr) | CHM 146 AND 146L |
| 5. <u>CHE 301 Organic Chemistry I</u> (4 cr) | CHM 245 AND 245L |
| 6. <u>MAT 121 Calculus A</u> <i>OR</i> MAT 201 Statistical Methods
(will also fulfill GE 1 Quantitative Skills) | MAT 146/160 OR MAT 124 |
| 7. PSY 101 Introductory Psychology | PSY 110 |
| 8. <u>PSY 232 Adolescent Psychology</u> | PSY 212 |

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

Electives (11 credits)

ABI Elective Options

- | | |
|-------------------------|---------|
| BIO 304 Microbiology | BIO 150 |
| BIO 412 General Ecology | BIO 212 |

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

**A foreign language course at the beginning level II (102) is required for this major. Sign language is acceptable as a foreign language for this major.

Adolescent Education: 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 Adolescent Education: Biology

If you're looking for a nationally accredited, rigorous program in the sciences that sets high performance standards for students, consider SUNY Cortland, known for its high-caliber teacher education. Our graduates credit their experiences in biology courses and their professional preparation as outstanding for a career in teaching adolescents.

Career Potential

A degree in adolescence education: biology will make you highly competitive in the job market as a biology teacher or for acceptance into quality graduate programs around the country. Options include graduate degrees in biology, education, administration or related fields.

Special Features

- Newly renovated state-of-the-art classrooms and labs
- Elective courses ranging from molecular genetics to marine biology
- Faculty with expertise representing the breadth of biological sciences
- Interact with faculty on independent research projects
- Participate in Biology Club events and explore science beyond the classroom
- Field experiences in the Adirondacks, Belize or Costa Rica

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.