

## Transfer Planning Sheet (SUNY Broome) Adolescence Education: Biology (ABI), B.S.

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<sup>^</sup>. 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 (30 credits)

### Courses I will complete at Broome CC:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>○ Communication 1 (GEC1)*<br/>CPN 100 Writing Studies I</li> <li>○ Communication 2 (GEC2)*<br/>CPN 101 Writing Studies II</li> <li>○ Communication – Presentation (GEC2)*</li> <li>○ Diversity: Equity, Inclusion &amp; Social Justice (GEDI)*</li> <li>○ Humanities (GEHU)</li> <li>○ The Arts (GEAR)</li> <li>○ US History &amp; Civic Engagement (GEUS)</li> <li>○ World History &amp; Global Awareness (GEWH)</li> <li>○ World Languages (GEWL)**</li> </ul> | <div>ENG 110</div> <div>ENG 111</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> |
|---|---|

**\*Indicates required SUNY General Education Category**

**\*\*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.**

### Major Requirements (33 credits):

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>○ <a href="#">#BIO 201 Biological Sciences I</a> (4 cr.) (will also fulfill GE Natural Sciences*)</li> <li>○ <a href="#">#BIO 202 Biological Sciences II</a> (4 cr.)</li> <li>○ <a href="#">#CHE 227 and 277 General Chemistry I with lab</a> (4 cr.)</li> <li>○ <a href="#">#CHE 228 and 278 General Chemistry II with lab</a> (4 cr.)</li> <li>○ <a href="#">CHE 300 and 303 Organic Chemistry I and CHE 303 (lab)</a> (4 cr.)</li> <li>○ GLY 261 Physical Geology (4 cr.)</li> <li>○ <a href="#">MAT 121 Calculus A</a> <i>OR</i> MAT 201 Statistical Methods<br/>(will also fulfill GE Mathematics*)</li> <li>○ PSY 101 Introductory Psychology (will fulfill GE Social Sciences)</li> <li>○ <a href="#">PSY 232 Adolescent Psychology</a></li> </ul> | <div>BIO 118</div> <div>BIO 117</div> <div>CHM 145 AND 145L</div> <div>CHM 146 AND 146L</div> <div>CHM 245 AND 245L</div> <div>GLG 115</div> <div>MAT 146/160 OR MAT 124</div> <div>PSY 110</div> <div>PSY 212</div> |
|--|--|

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

### Electives (1 credit)

ABI Elective Options (if space allows)

- |   |                                       |
|---|---------------------------------------|
| <ul style="list-style-type: none"> <li>○ BIO 304 Microbiology</li> <li>○ BIO 412 General Ecology</li> </ul> | <div>BIO 150</div> <div>BIO 212</div> |
|---|---------------------------------------|

Total: 64<sup>^</sup>

## Adolescence 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 Adolescence 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.

## Cortland's Urban Recruitment of Educators (C.U.R.E.) Program (Fall Applicants Only)

- SUNY Cortland's C.U.R.E. program provides scholarship support, mentoring and programming to eligible students interested in working in urban education after graduation.
- Students from demographic groups that are underrepresented in teaching or students who have a serious interest in urban education are eligible to apply.
- Admission in the C.U.R.E. program is open to Fall applicants only. [Applications](#) can be submitted online.