

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[^]. 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:

- Communication 1 (GEC1)*
CPN 100 Writing Studies I
ENG 110
- Communication 2 (GEC2)*
CPN 101 Writing Studies II
ENG 111
- Communication – Presentation (GECP)*

- 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 II (102) is required for this major. Sign language is acceptable as a foreign language for this major.

Major Requirements (33 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
- #CHE 227 and 277 General Chemistry I with lab (4 cr.)
CHM 145 AND 145L
- #CHE 228 and 278 General Chemistry II with lab (4 cr.)
CHM 146 AND 146L
- CHE 300 and 303 Organic Chemistry I and CHE 303 (lab) (4 cr.)
CHM 245 AND 245L
- GLY 261 Physical Geology (4 cr.)
GLG 115
- MAT 121 Calculus A OR MAT 201 Statistical Methods
(will also fulfill GE Mathematics*)
MAT 146/160 OR MAT 124
- PSY 101 Introductory Psychology (will fulfill GE Social Sciences)
PSY 110
- PSY 232 Adolescent Psychology
PSY 212

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)

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

Total: 64[^]

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.