

## Transfer Planning Sheet (SUNY Broome)

### Transfer Planning Sheet – Adolescent Education: Physics (APH)

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. However, additional major course recommendations are provided here that go beyond the **64-credit limit for students' reference**. 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 (33 credits)

Course I will complete at my current college:

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| <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 (GECP)*</li> <li>○ Diversity: Equity, Inclusion &amp; Social Justice (GEDI)*</li> <li>○ Humanities (GEHU)</li> <li>○ Social Sciences (GESS)<br/>PSY 101 Introductory Psychology</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> | <p>ENG 110</p> <p>ENG 111</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>PSY 110</p> <p>_____</p> <p>_____</p> <p>_____</p> |
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\*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 (38 credits):

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| <ul style="list-style-type: none"> <li>○ <u>PHY 201 Principles of Physics I</u> (4 cr) (will also fulfill GE Natural Sciences*)</li> <li>○ <u>PHY 202 Principles of Physics II</u> (4 cr)</li> <li>○ <u>MAT 135 Calculus I</u> (4 cr) (will also fulfill GE Mathematics*)</li> <li>○ <u>MAT 236 Calculus II</u> (4 cr)</li> <li>○ <u>MAT 237 Calculus III</u> (4 cr)</li> <li>○ MAT 272 Linear Algebra</li> <li>○ PHY 150 Astronomy</li> <li>○ CHE 227 and 277 General Chemistry I with lab (4 cr)</li> <li>○ CHE 228 and 278 General Chemistry II with lab (4 cr)</li> <li>○ <u>PSY 232 Adolescent Psychology</u></li> </ul> | <p>PHY 181</p> <p>PHY 182</p> <p>MAT 181</p> <p>MAT 182</p> <p>MAT 281</p> <p>MAT 264</p> <p>AST 113</p> <p>CHM 145 AND 145L</p> <p>CHM 146 AND 146L</p> <p>PSY 212</p> |
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# Adolescence Education: Physics

## 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: Physics

Develop a versatile background in the principles of physics, applied mathematics, computer skills and electronic equipment by joining the largest teacher education program in the Northeastern United States. With distinguished faculty and a department eager to see you excel, you will be on your way to New York state certification to teach physics in grades 7-12.

## Career Potential

- Physics teacher (7-12)
- Graduate study in higher education
- Technical specialist

## What Will I Learn?

- Learn about successful classroom teaching
- Explore the nature of the adolescent learner
- Develop teaching strategies for pupils whose interests and abilities vary widely
- Integrate educational theory with best teaching practices

## 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.