

## Transfer Planning Sheet Geology (GLY)

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 (21 credits):

1. GE 4 U.S. History & Society: HIS 200 The United States to 1877 **OR**  
HIS 201 The United States since 1877
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
7. CPN 101 Writing Studies II

Course I will complete at my current college:

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Major Requirements (30 credits):

1. GLY 261 Physical Geology (4 cr) (will also fulfill GE 2 Natural Sciences)
2. GLY 262 Historical Geology (4 cr)
3. CHE 227 and 277 General Chemistry I with lab (4 cr)
4. CHE 228 and 278 General Chemistry II with lab (4 cr)
5. MAT 121 Calculus A (will also fulfill GE 1 Quantitative Skills)
6. MAT 122 Calculus B **OR** MAT 201 Statistical Methods
7. **Physics or Biology sequence (8 cr):** choose  
PHY 105 Elementary Mechanics and Heat (4 cr) **AND**  
PHY 106 Elementary Electricity, Light and Sound (4 cr)  
**OR**  
BIO 201 Biological Sciences I (4 cr) **AND**  
BIO 202 Biological Sciences II (4 cr)

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Electives (13 credits)

Total: 64

\*\*A foreign language course at the beginning level I (101) is required for this major. Sign language is **NOT** acceptable as a foreign language for this major.

Students have the option of pursuing a Bachelors of Arts (BA) or Bachelors of Science (BS) in Geology. The BA requires additional foreign language.

# Geology

## 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 Geology

Geologists find the natural resources we need and protect the environment on which we depend. As a geology major, you'll learn about the natural workings of our home planet and develop an appreciation for its rich geological history. Prepare yourself for entry into a geoscience career or graduate school, and come discover the Earth at SUNY Cortland.

## Career Potential

- Licensed professional geologist
- Environmental or exploration geoscientist
- Research or academic scientist

## What Will I Learn?

- Study the composition, structure, processes and history of Earth
- Fieldwork and hands-on learning are infused throughout the program
- Learn research skills for modern geology
- Develop writing and presentation skills for professional development
- Take course work in related math and sciences

## 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.