Transfer Planning Sheet (Tompkins Cortland Community College)
Environmental Geoscience (ENVG)

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 (27 credits)	Course I will complete at my current college:
○ Communication 1 (GEC1)* CPN 100 Writing Studies I	ENGL 100
○ Communication 2 (GEC2)* CPN 101 Writing Studies II	ENGL 101
○ 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 I (101) is required for this major. Sign language is NOT acceptable as a foreign language for this major.**

Major Requirements (37 credits):	
○ GLY 261 Physical Geology (4 cr) (will also fulfill GE Natural Sciences*)	GEOL 101
○ CHE 227 and 277 General Chemistry I with lab (4 cr)	CHEM 107
○ CHE 228 and 278 General Chemistry II with lab (4 cr)	CHEM 108
○ MAT 121 Calculus A (will also fulfill GE Mathematics*)	Not offered (see below for options)
○ MAT 122 Calculus B ***OR*** MAT 201 Statistical Methods	MATH 200 (MAT 201 option)
○ EST 100 Intro to Environmental Studies (will also fulfill GE Social Sciences)	ENVS 102
○ BIO 201 Biological Sciences I (4 cr)	BIOL 104
BIO 202 Biological Sciences II (4 cr)	BIOL 105
○ **Physics Sequence (8 cr):** choose	
PHY 105 Elementary Mechanics and Heat (4 cr) **AND**	PHSC 104
PHY 106 Elementary Electricity, Light and Sound (4 cr)	PHSC 105
OR	
PHY 201 Principles of Physics I (4 cr) **AND**	PHSC 211
PHY 202 Principles of Physics II (4 cr)	PHSC 212

- Tompkins Cortland CC does not offer MAT 121 or 122, but students can choose to take calculus I and II – MATH 201 and 202 – to meet requirements.

Total: 64

Environmental Geoscience

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 Environmental Geoscience

With today's many challenging environmental problems, from pollution to climate change, the earth needs a hero. Are you that hero? Environmental Geoscience majors are a blend of deft scientists and passionate conservationists.
The Environmental Geoscience program will prepare you for entrance into graduate programs in the environmental geosciences and for careers as geoscience-oriented environmental scientists with private companies, industry, and state and federal agencies.

Career Potential

- Environmental geoscientist
- Watershed specialist
- Hydrologist or Hydrogeologist

What Will I Learn?

- Study the environment from a geologic perspective
- Fieldwork and hands-on learning are infused throughout the program
- Learn research skills for modern environmental science
- Develop writing and presentation skills for professional development
- Interdisciplinary 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.