Transfer Planning Sheet  
Chemistry (CHM)

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 (24 credits):

1. Any GE 3 Social Science  
   __________________________________________________________
2. GE 4 U.S. History & Society: HIS 200 The United States to 1877, OR  
   HIS 201 The United States since 1877  
   __________________________________________________________
3. Any GE 6 Other World Civilizations/Contrasting Cultures  
   __________________________________________________________
4. Any GE 7 Humanities  
   __________________________________________________________
5. Any GE 8 The Arts  
   __________________________________________________________
6. Any GE 9: Foreign Language**  
   __________________________________________________________
7. CPN 100 Writing Studies I  
   __________________________________________________________
8. CPN 101 Writing Studies II  
   __________________________________________________________

Major Requirements (30-32 credits):

* It is recommended to complete full sequences and not to transfer only one course of a two-course sequence

1. CHE 227 and 277 General Chemistry I with lab (4 cr)  
   __________________________________________________________
2. CHE 228 and 278 General Chemistry II with lab (4 cr)  
   __________________________________________________________
3. CHE 301 Organic Chemistry I (4 cr)  
   __________________________________________________________
4. CHE 302 Organic Chemistry II AND  
   CHE 304 Organic Chemistry II lab (1 cr)  
   __________________________________________________________
5. PHY 201 Principles of Physics I (4 cr) (will also fulfill GE 2 Natural Sciences)  
   __________________________________________________________
6. PHY 202 Principles of Physics II (4 cr)  
   __________________________________________________________
7. Calculus sequence (6-8 cr) (will also fulfill GE 1 Quantitative Skills) choose:  
   MAT 121 Calculus A AND MAT 122 Calculus B OR  
   MAT 135 Calculus I (4 cr) AND MAT 236 Calculus II (4 cr)  
   __________________________________________________________

Electives (8-10 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.
Chemistry
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 Chemistry
Learn chemistry by doing it in state-of-the-art labs using the same tools professionals use. Work side-by-side with a faculty mentor as you engage in original research. Student research is a signature strength of our chemistry program.

Career Potential
➢ Industrial chemist
➢ Health professions
➢ Research scientist
➢ Consultant
➢ Patent attorney
➢ State and federal agency scientist and policy maker

What Will I Learn?
➢ In recent years, student researchers have explored
➢ Nanotechnology
➢ Polymer Chemistry
➢ Chemical Biology and Organic Synthesis
➢ Groundwater Contamination and Molecular Synthesis

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.