Transfer Planning Sheet – Adolescence Education: Chemistry (ACM)

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.

- To view all required courses for the program and Cortland’s General Education courses, see the most current undergraduate Catalog.
- Students currently on SUNY campuses should consult their academic advisor for additional choices in general education categories when any course is recommended.
- Use the transfer equivalency tables to choose equivalents at your transfer college.

SUNY General Education/Cortland Degree Requirements (24 cr):

1. GE 4 U.S. History & Society: HIS 200 The United States to 1877, **OR** HIS 201 The United States since 1877 (3 cr)
2. Any GE 6 Contrasting Cultures/Other World Civilization course (3 cr)
3. Any GE 7 Humanities course (3 cr)
4. Any GE 8 The Arts course (3 cr)
5. A foreign language sequence through the beginning level II. Sign language is **NOT** acceptable as a foreign language for this major. (6 cr)
6. CPN 100 Writing Studies I (3 cr)
7. CPN 101 Writing Studies II (3 cr)

Major Requirements (37-39 cr):

* 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** (Old course CHE 221) (4 cr)
2. **CHE 228 and 278 General Chemistry II with lab** (Old course CHE 222) (4 cr)
3. **CHE 301 Organic Chemistry** (4 cr)
4. **PHY 201 Principles of Physics I** (4 cr) *(will also fulfill GE 2 Natural Science)*
5. **PHY 202 Principles of Physics II** (4 cr)
6. **Calculus sequence (6-8 cr)** *(will also fulfill GE 1 Quantitative Skills)* choose:
   - **MAT 121 Calculus A** (3 cr) **AND** **MAT 122 Calculus B** (3 cr) **OR**
   - **MAT 135 Calculus I** (4 cr) **AND** **MAT 236 Calculus II** (4 cr)
7. **Biology or Geology Sequence (8 cr)** choose one sequence:
   - **BIO 201 Biological Sciences I** (4 cr) **AND** **BIO 202 Biological Sciences II** (4 cr)
   - **OR**
   - **GLY 261 Physical Geology** (4 cr) **AND** **Historical Geology** (4 cr)
8. **PSY 101 Introductory Psychology** (3 cr)

Elective (3 cr)

Total: 64