Transfer Planning Sheet
Biomedical Sciences (BMS)

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 Other World Civilizations/Contrasting Cultures
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

**Major Requirements (41 credits):**

1. BIO 201 Biological Sciences I (4 cr) (will also fulfill GE 2 Natural Sciences)
2. BIO 202 Biological Sciences II (4 cr)
3. BIO 210 Cellular Biology (4 cr)
4. CHE 227 and 277 General Chemistry I with lab (4 cr)
5. CHE 228 and 278 General Chemistry II with lab (4 cr)
6. CHE 301 Organic Chemistry (4 cr)
7. MAT 121 Calculus A (will also fulfill GE 1 Quantitative Skills)
8. MAT 122 Calculus B OR MAT 201 Statistical Methods
9. PSY 101 Introductory Psychology (will also fulfill GE 3 Social Science)

10. **Physics sequence (8 cr) choose**
    - PHY 105 Elementary Mechanics and Heat (4 cr) AND PHY 106 Elementary Electricity, Light and Sound (4 cr) OR
    - PHY 201 Principles of Physics I (4 cr) AND PHY 202 Principles of Physics II (4 cr)

**Electives (5 credits)**

- Students who are not prepared for calculus should take pre-calculus as an elective.
- Students are encouraged to avoid taking 100-level biology courses other than introductory biology, and to avoid taking human anatomy and physiology courses, as well as other biology courses designed for non-majors.

Total: 64

**A foreign language course at the beginning level I (101) is required for this major. Sign language is acceptable as a foreign language for this major.
Biomedical Sciences
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 Biomedical Sciences
You'll explore course work specific to the biomedical field, gain knowledge and experience through internships and have the cognitive course work to promote success on entrance examinations to graduate programs. With a degree in biomedical sciences, you'll be able to successfully pursue a variety of careers.

Career Potential
➢ Chiropractor
➢ Dentist
➢ Doctor of osteopathic medicine
➢ Medical imaging technician
➢ Optometrist
➢ Physician assistant
➢ Physical therapist
➢ Physician
➢ Veterinarian

Special Features
➢ Faculty dedicated to providing quality education and research opportunities include:
➢ If you participate in a research project, you may find yourself presenting your scientific findings at local and regional professional meetings.
➢ Study and work in our state-of-the-art classroom and research facility.

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.