

Transfer Planning Sheet (SUNY Broome) Biomedical Sciences (BMS), B.S.

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. However, additional major course recommendations are provided here that go beyond the 64-credit limit for students' reference. 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 (24 credits)

Course I will complete at my current

college:

- | | |
|---|---------|
| ○ Communication 1 (GEC1)*
CPN 100 Writing Studies I | ENG 110 |
| ○ Communication 2 (GEC2)*
CPN 101 Writing Studies II | ENG 111 |
| ○ Communication – Presentation (GECP)* | _____ |
| ○ Diversity: Equity, Inclusion & Social Justice (GEDI)* | _____ |
| ○ Humanities (GEHU) | _____ |
| ○ The Arts (GEAR) | _____ |
| ○ 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 acceptable as a foreign language for this major.**

Major Requirements (44 credits):

- | | |
|---|------------------|
| ○ BIO 201 Biological Sciences I (4 cr) (will also fulfill GE Natural Sciences*) | BIO 118 |
| ○ BIO 202 Biological Sciences II (4 cr) | BIO 117 |
| ○ CHE 227 and 277 General Chemistry I with lab (4 cr) | CHM 145 AND 145L |
| ○ CHE 228 and 278 General Chemistry II with lab (4 cr) | CHM 146 AND 146L |
| ○ CHE 300 and 303 Organic Chemistry I with lab (4 cr) | CHM 245 AND 245L |
| ○ MAT 121 Calculus A (will also fulfill GE Mathematics*) | MAT 146 OR 160 |
| ○ MAT 201 Statistical Methods | MAT 124 |
| ○ PSY 101 Introductory Psychology (will also fulfill GE Social Sciences*) | PSY 110 |
| ○ SOC 150 Intro to Sociology (will also fulfill GE US History and Civic Engagement) | SOC 110 |
| ○ 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 161 AND 162 |
| PHY 201 Principles of Physics I (4 cr) AND | |
| PHY 202 Principles of Physics II (4 cr) | PHY 181 AND 182 |

➤ 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.

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.