



The State University  
of New York

## Transfer Path

### Discipline: Environmental Science (Biophysical Track)

SUNY transfer paths outline the knowledge and skills that are essential for students to complete during their first two years of study for a major in a given discipline. The coursework described below will meet degree requirements at all SUNY campuses offering majors in the above discipline. If you complete this coursework successfully, you will be well-positioned to finish your degree with an additional two years of study at your SUNY transfer college.

Use this transfer path to discover both courses related to your major and general education requirements that will prepare you for transfer. Click on each course to view a course description. Then, to map your first two years of courses, visit [Planning Your Coursework](#).

#### Lower-Division Major Requirements

The courses below are specifically related to your field of study and are part of the requirements for graduation in your major:

- [Introduction to Environmental Science \(with lab\)](#)
- [General Biology I \(with lab\)](#)
- [General Biology II \(with lab\)](#)
- [General Chemistry I \(with lab\)](#)
- [General Chemistry II \(with lab\)](#)

#### Recommended Courses:

- Math course(s) leading to a math placement of 'Ready for Calculus'
- [Geographic Information Systems \(GIS\)](#)
- [Ecology \(with lab\)](#)
- [Organic Chemistry I \(with lab\)](#)
- [Organic Chemistry II \(with lab\)](#)
- [Statistics](#)
- [Calculus I](#)
- [Calculus II](#)
- [Calculus-based Physics I: Mechanics \(with lab\)](#)
- [Calculus-based Physics II: Electromagnetism \(with lab\)](#)

## Advising Notes

Of the recommended courses, check with your intended receiving campus for specific requirements in your program. Not all campuses and/or programs require the courses listed in the recommended list. Your advisor can help you choose the best courses to take based on your goals.

Unless otherwise noted, courses that include online labs are not currently guaranteed for transfer across all campuses. Those courses and their online labs may be evaluated for transfer on a case-by-case basis by the receiving campus. Check with your advisor to see what restrictions and options may apply.

There may be additional courses in your major which would transfer, or courses which could be substituted for one of the above. These may be established on a case by case basis. Please see an advisor at your transfer campus to explore those options.

## General Education Requirements

General Education courses are related to key academic disciplines and may be outside your field of study. To earn a SUNY bachelor's degree, you must earn 30 credits in at least seven of the following ten skill areas, and demonstrate two competencies. For AS programs in Engineering, students must satisfy five of the following ten skill areas.

### Skill Areas:

- Basic Communication (required)
- Mathematics (required)
- American History
- Other World Civilizations
- Foreign Language
- Social Sciences
- Humanities
- The Arts
- Natural Sciences
- Western Civilization

### Competencies:

- Critical Thinking (required)
- Information Management (required)

General Education requirements vary by campus and by major. However, if you satisfy the SUNY General Education Requirement (SUNY-GER) area at one campus with a grade of C or higher, you will have met that SUNY-GER area at every other SUNY campus. Visit [Campus Requirements](#) to determine the skill areas required by each campus and the courses available within those areas.

*Note: The lower division major requirements outlined in this document will be implemented for SUNY students entering Fall, 2015. Check with your campus advisor for more information regarding current requirements.*

*Last updated: April, 2014*