

# Sustainability Studies

## Degree Type

Associate in Science

## Type

Transfer

Division of Liberal Arts & Professional Studies

Associate Dean: Deborah Beall

The Sustainability Studies program is designed for students who are interested in pursuing careers related to environmental sustainability within a large range of professional fields. The College's grounds, which include Spencer Crest Nature and Research Center, serve as an outdoor classroom and lab space for many of the required academic classes. The program explores the interplay between the natural environment, the built environment, and society through an interdisciplinary lens. Within the two-year scope of this program, students will complete a variety of courses from the natural sciences, social sciences, and humanities in addition to fulfilling SUNY's general education requirements. The program will provide students with hands-on experience in sustainability through coursework, independent research, internships, and unique learning experiences. Upon completion of this program, students will have marketable skills for employment or to advance their education at a transfer institution. Students with degrees in Sustainability may pursue careers in many vocations, including outdoor education, environmental policy, sustainability planning, conservation management, corporate responsibility, and many others.

Students in this program must meet 7 of the 10 SUNY Knowledge and Skills areas, 2 core competencies (Critical Thinking and Information Literacy), and have 30 SUNY General Education credits. Please note that of the 7 Knowledge and Skills areas, the following 4 are required: Communication-Written and Oral; Mathematics and Quantitative Reasoning; Natural Sciences and Scientific Reasoning; and Diversity, Equity, Inclusion, and Social Justice. For more information on the SUNY General Education requirements please see General Education Requirements.

Graduates are prepared to:

- Demonstrate understanding of the natural, manmade, and social environments and their interactions as they contribute to the complexity of environmental issues;
- Differentiate among and apply models from various disciplines to environmental problems to find sustainable solutions;
- Clearly communicate issues and problems related to social, environmental, and economic sustainability orally and in writing;
- Use the scientific method and social science research methods to document and analyze problems related to environmental sustainability.

Applied learning in the form of an internship or service learning is a required part of the program. This requirement was included to help students clarify career objectives and prepare for those eventual careers. To determine the best fit for the student's career goals they will sit down with their academic advisor and/or the Applied Learning Coordinator. In addition to hosting applied learning projects at the nature center on campus, host sites will be identified by faculty and the Applied Learning Coordinator.

The Sustainability Studies program is offering classes in-person on campus and through online learning. Please see an advisor to schedule the best program options for you.

# Program Requirements

Item #	Title	Credits
ENGL 1010	College Composition I	3
ENGL 1020	College Composition II	3
	MATH 1310 and 1413 or higher	8
	BIOL 1510 and 1520 or BIOL 1010 and 1030	6
	ECON 2001 and/or 2002	3
	SPCH 1060 or SPCH 1080	3
SUST 1000	Introduction to Environmental Sustainability	3
ITRN 2010	Internship	3
SOCI 2060	Research Methods in the Social Sciences	3
PHIL 2200	Environmental Ethics	3
	Diversity, Equity, Inclusion, Social Justice (DEI/SJ) Course	3
	Track-Specific Courses	21
	<b>Total Credits</b>	<b>64</b>

## Course Sequencing

## Sustainability Track

Intended as a guide for academic planning. It need not be followed exactly or completed in four semesters.

### First Semester

Item #	Title	Credits
ENGL 1010	College Composition I	3
MATH 1310	Elementary Statistics	4
	BIOL 1010 or BIOL 1510	3
SOCI 1010	Introduction to Sociology	3
SUST 1000	Introduction to Environmental Sustainability	3
	Wellness (Activity Component)	1

### Second Semester

Item #	Title	Credits
ENGL 1020	College Composition II	3
MATH 1413	Pre-Calculus	4
	BIOL 1520 or BIOL 1030	3
SOCI 2060	Research Methods in the Social Sciences	3
	ECON 2001 or 2002	3

### Third Semester

Item #	Title	Credits
BIOL 2040	Ecology	4
GOVT 1010	American Federal Government	3
	HLTH 2200 or HLTH 1400	3
SPCH 1080	Public Speaking	3
SOCI 2400	Environment and Society	3

## Fourth Semester

Item #	Title	Credits
ITRN 2010	Internship	3
	Free Electives	3
PHIL 2200	Environmental Ethics	3
	Diversity, Equity, Inclusion, Social Justice (DEI/SJ) Course	3
	Free Electives	3

## Sustainable Business Track

Intended as a guide for academic planning. It need not be followed exactly or completed in four semesters.

## First Semester

Item #	Title	Credits
ENGL 1010	College Composition I	3
MATH 1310	Elementary Statistics	4
	BIOL 1010 or BIOL 1510	3
BUSN 1040	Principles of Business	3
SOCI 1010	Introduction to Sociology	3

## Second Semester

Item #	Title	Credits
ENGL 1020	College Composition II	3
MATH 1413	Pre-Calculus	4
	BIOL 1520 or BIOL 1030	3
SOCI 2060	Research Methods in the Social Sciences	3
ECON 2001	Principles of Economics - Macro	3

## Third Semester

Item #	Title	Credits
ACCT 1030	Financial Accounting	4
BUSN 1231	Business Law I	3
MGMT 2041	Principles of Management	3
ECON 2002	Principles of Economics - Micro	3
	Diversity, Equity, Inclusion, Social Justice (DEI/SJ) Course	3

## Fourth Semester

Item #	Title	Credits
ITRN 2010	Internship	3
MKTG 2050	Principles of Marketing	3
ACCT 1040	Managerial Accounting	4
	SPCH 1060 or SPCH 1080	3
	Free Electives	3

# Environmental Policy Track

Intended as a guide for academic planning. It need not be followed exactly or completed in four semesters.

## First Semester

Item #	Title	Credits
ENGL 1010	College Composition I	3
MATH 1310	Elementary Statistics	4
	BIOL 1010 or BIOL 1510	3
SOCI 1010	Introduction to Sociology	3
SUST 1000	Introduction to Environmental Sustainability	3
	Wellness (Activity Component)	1

## Second Semester

Item #	Title	Credits
ENGL 1020	College Composition II	3
MATH 1413	Pre-Calculus	4
	BIOL 1520 or BIOL 1030	3
SOCI 2060	Research Methods in the Social Sciences	3
	ECON 2001 or 2002	3
	Wellness (Awareness Component)	1

## Third Semester

Item #	Title	Credits
HIST 1050	Contemporary World Affairs	3
GOVT 1010	American Federal Government	3
GOVT 2010	Introduction to Political Science	3
SPCH 1080	Public Speaking	3
	Diversity, Equity, Inclusion, Social Justice (DEI/SJ) Course	3

## Fourth Semester

Item #	Title	Credits
PHIL 2200	Environmental Ethics	3
GOVT 1020	State and Local Government	3
	Government Elective	3
ITRN 2010	Internship	3
	Free Electives	3

## Footnotes

\* Based on placement, students may be required to take ENGL 0980 or ENGL 0990 before taking ENGL 1010, and MATH prerequisite courses before taking the required math credit courses. Successful completion of some or all developmental courses may also be required before students can enroll in the science classes pertinent to this program.

\*Diversity, Equity, Inclusion, Social Justice (DEI/SJ) Course: See General Education Requirements for courses that meet this requirement.

\*Free Electives: Should be chosen from The Arts, US History & Civic Engagement, World History & Global Awareness, or World Languages. For a list of courses, see General Education Requirements.