

## Environmental Science

Be an Environmental Science major at Sage because you care...

### Where you'll go...

Understanding and protecting the environment is one of the most important challenges for the 21<sup>st</sup> century. If you are passionate about learning what makes the environment work and how you can help to protect it, then Sage has the program for you.

With a degree in Environmental Science from Sage, you will be prepared to think and act responsibly toward the environment amid the many challenges it faces, from global warming to the protection of animals and land to water quality. This major will truly help you to make a difference in the world.

### What you'll do...

*See yourself...*

- Leading efforts to conserve and preserve water and other natural resources.
- Analyzing air, soil and water quality and ensuring their safety for the public and wildlife.
- Advocating for alternative energy sources
- Tracking possible geologic events to provide timely and accurate information to the public.
- Consulting with government, business and industry to help them comply with state and federal environmental regulations.
- Teaching others environmental literacy so they can gain an understanding and appreciation of the challenges facing the environment.
- Pursuing a degree in environmental law.

Wherever you go and whatever you do, you'll be in demand for your knowledge, expertise and commitment to the environment.

### What you'll earn...

Our students go on to graduate school or to work in state and federal agencies or private companies.

Environmental science professionals earn from \$30,000 to more than \$100,000 a year.

### At Sage you'll...

Prepare for the intellectual demands of environmental science professions.

Intern at the New York State Departments of Environmental Conservation or Health, the State Museum, the Assembly or Senate, or at an environmental consulting or engineering firm, among other opportunities.

Conduct a research project your senior year to give you a hands-on learning experience.

Take advantage of Sage's proximity to a premiere natural laboratory: the Hudson River and the Adirondack and Catskill Mountains.

Studying Environmental Science at Sage will enrich your future—and enliven the present. Your adventure begins here.

### How you'll get there...

Here are the requirements you will meet to earn a bachelor's degree in Environmental Science.

#### Core Courses:

Foundations of Biology I (w/lab)  
Foundations of Biology II (w/lab)  
Proseminar: Biological Communications  
Explorations in Research Methodology  
Senior Independent Project (2 semesters)

#### Foundational Courses:

Environmental Issues  
Microbiology (w/lab)  
Principles of Ecology (w/lab)  
Environmental Toxicology (w/lab)  
Environmental Internship

#### Biology elective courses (three) which might include:

Zoology  
Evolution  
Animal Behavior

#### Or topics courses in

Marine Biology  
Antarctica  
Protozoology

**Supporting Courses:**

General Chemistry I (w/lab)  
General Chemistry II (w/lab)  
Organic Chemistry I (w/lab)  
Organic Chemistry II (w/lab)  
General Physics I or Physics I (w/lab)  
General Physics II or Physics II (w/lab)  
Applied Statistics I  
Introduction to Public Policymaking  
Calculus I

**Total credits for degree 121**

**About the Faculty**

The diverse and talented members of the Sage faculty are highly credentialed academicians and dedicated teachers who are also authors, researchers, practitioners, and leaders in their fields. They encourage, challenge, and support Sage students and provide programs of study that connect the classroom to the world beyond campus.

**Russell Sage College—Women of Influence**

At Russell Sage College women are encouraged to take risks, discover their strengths, and apply what they've learned to improve the world around them. Women dominate every class discussion, run student government and the campus newspaper, and win all the academic prizes and scholarships. But, that doesn't mean Sage is a campus without men or without the potential for an active social life; it means that in the classroom, in the lab, on the playing field, and beyond, Russell Sage students are free to be their most intelligent, creative, determined, successful selves.

**Be. Know. Do.**

Russell Sage College was founded in Troy in 1916 by suffragist Margaret Olivia Slocum Sage, with the guidance of Eliza Kellas, head of the college preparatory Emma Willard School (also located in Troy). Together they founded Russell Sage College as a "school of practical arts," one of the very first institutions to offer women the means of economic and social independence through preparation for professional careers.

Sage remains one of the only women's schools in the country that require a women's studies curriculum. Through two courses -- Women in the World and Women Changing the World -- you'll come to understand how women throughout history have struggled, adapted, changed, and flourished. This historical backdrop will lay the groundwork for your self-discovery as a woman in today's world.

Sage's Early College program is one of only two in the country designed for early college entry by outstanding young women in high school.

**Inspiring Women**

Inspirational women of influence have studied at and visited Russell Sage College. As a Sage student, you will learn by their courageous examples. Eleanor Roosevelt was the first person to receive an honorary degree from Sage; Senator Hillary Rodham Clinton has visited campus; Anita Roddick, activist, author, and founder of *The Body Shop*, has delivered the Commencement keynote; biologist and theorist Dr. Lynn Margulis was a Geneva Sayre lecturer at Sage; and activist Angela Davis, author and poet Maya Angelou, former U.S. Surgeon General Antonia C. Novello and artist Faith Ringgold have all visited.

At Russell Sage, women of all ages and backgrounds can gain a strong vision of their own power and potential. At Russell Sage, everything is possible.

For information about admission to Russell Sage College, please contact us at:

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Office of Admission  
45 Ferry Street  
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1-888 VERY SAGE or  
(518) 244-2217  
[rscadm@sage.edu](mailto:rscadm@sage.edu)  
<http://www.sage.edu/rsc/admission/>

**Program Contact**

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