

Biology

Be a Biology major at Sage and discover...

Graduates in Biology are confident, smart, and dynamic.....leaders in medicine, science, and community!

We are in the midst of a biological revolution-- from the mapping of the human genome, to the emergence of biotechnology and the exploration of myriad forms of life at the molecular level. The 21st century is the age of biology!

Where you'll go...

With a degree in Biology from Sage, you can be part of this exciting field of discovery through medicine, research, teaching, and innovation in health and security—you'll have a unique opportunity to work for the greater good.

What you'll do...

See yourself...

- Pursuing a degree in medicine or other health care professions.
- Making your mark as a woman in science.
- Running a biotechnology or biomedical research company.
- Teaching in elementary or high school, or at a college or university. Teach the next generation of Biology majors.
- Discovering new drugs or cures for diseases.
- Entering fields such as marine biology and environmental science to fight the effects of global warming and pollution.

Wherever you go or whatever you do with your Biology degree from Sage, you'll be in demand for your knowledge and problem-solving skills, your hands-on education and your research experience.

What you'll earn...

Biologists earn from \$30,000 to \$90,000 depending on the particular field and work setting. Additionally, the degree can prepare you for a career as a physician or veterinarian, both lucrative fields.

At Sage you'll...

Complete a major independent research project under the guidance of a faculty member or in a nationally recognized research laboratory. This unique requirement makes Sage biology graduates highly sought after by graduate schools and employers.

Have the opportunity to prepare for medical or veterinary school, physician assistant school, or for graduate school in the biological sciences. Highly qualified students can gain early acceptance to the Albany Medical College MD program or PA program.

Intern at the New York State Health Laboratories, New York State Department of Environmental Conservation, The Lighting Research Center (RPI), or Albany Medical College....just to name a few.

Be one of the many Sage bio students who have been accepted to medical, veterinary, or physician assistant schools.

Studying Biology 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 B.A. in Biology.

Required Courses:

Foundations of Biology I
Foundations of Biology II
Proseminar
Explorations in Research Methodology
Senior Independent Project (two semesters)
General Chemistry I
General Chemistry II

Foundational Courses (select three):

Genetics
Cell Biology
Biology of Development
Ecology
Animal Behavior
Environmental Toxicology

Biology Electives:

Three additional courses in Biology such as

Microbiology
Evolution
Anatomy & Physiology
Molecular Genetics

Support Courses (select four*):

Intro to Organic & Biochemistry
Organic Chemistry I
Organic Chemistry II
General Physics I or Physics I
General Physics II or Physics II
Chemical Analysis
Instrumental Analysis
Biochemistry I
Pre-Calculus
Calculus
Applied Statistics

*Selection will depend on B.A. track followed.

General Education Requirements/Electives

Total credit hours **120**

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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