

"Springfield College's mission continues to live as I pursue my future in the field of biology. While studying at Springfield College, I was able to experience different science-based classes that steered me towards what I believed was the right path for me. The most important classes were the laboratory-based classes. It was vital for me to experience what it would be like to conduct research or carry out a procedure because it prepared me for my future."

- Alice Santos '21

What Will You Learn?

Ability to collect and analyze data

Understand the theory and practice behind the scientific method; hypothesis testing, data collection, and using statistical analysis to draw conclusions.

Gain skills in laboratory and field techniques

Become proficient in techniques needed to work in a laboratory or field-based setting.

Read and communicate scientific content

Hone your ability to read and comprehend scientific literature, and develop the skill of communicating scientific content to a variety of audiences.

Where Can You Go?

Entry-level jobs: Laboratory technician in industry, government, or clinical settings

Animal Husbandry

Medical Scribe

Research Assistant

Pharmaceutical Sales Representative

Related graduate opportunities:
Veterinary, medical, dental school

Physical Therapy, Physicians Assistant, or other Health-related Programs

1st YEAR

2nd YEAR

3rd YEAR

4th YEAR

	1st YEAR	2nd YEAR	3rd YEAR	4th YEAR
Pursue Knowledge	<p>Take Bioscience 1 & 2 and labs. Take General Chemistry 1 & 2 and labs.</p>	<p>Take Organic Chemistry, Ecology & Plant Bio, and labs. Take Sophomore Seminar (BIO 282).</p>	<p>Take Physics. Continue taking courses such as Microbiology, Genetics, or Animal Biology.</p>	<p>Finish your upper-level selectives. Take Natural Science Capstone.</p>
Gain Experience	<p>Gain laboratory skills in bioscience and chemistry. Knowing another language is a valued asset in nearly all careers. Build language study into your academic and professional plan.</p>	<p>Begin making contacts with your professors to learn about research opportunities. If you're interested in a semester abroad your junior year, start planning now with your advisor and International Center staff. An internship is one of the most important pre-professional experiences employers look for so start planning now with your advisor and Career Center staff.</p>	<p>Complete an internship or work with a professor on research. Further hone your laboratory and field-based data collection skills. Continue to develop leadership skills through attending a regional or national conference or becoming an executive board member of your club/organization.</p>	<p>Explore short-term study abroad in Costa Rica, international tropical field research, or work with a professor on research. Present a paper at Scholars in Action Day, and/or at a regional or national conference in your area of study or activity.</p>
Build Your Communities	<p>Attend the Club/Organization Fair; join Scientists Embracing Equality and Diversity; or the PreMedical, PreHealth Scholars Club. Get involved with a club, service activity, intramural sports, New Student Orientation (NSO), Residential Life, or Pre-Camp. Consider a campus job, if you are eligible for work-study, or community-engaged employment opportunities.</p>	<p>Get to know the larger Springfield community through service projects with the Center for Service and Leadership. Build your intercultural competence by getting involved with the Office of Diversity, Equity, and Inclusion and the International Center.</p>	<p>Become a board member for a club. Explore short-term abroad opportunities with the International Center, as well as service-oriented spring break experiences in the U.S., like Alternative Spring Break.</p>	<p>Mentor upcoming club members. Lead a service project with the Center for Service and Leadership. Explore new activities you haven't tried before.</p>
Prepare for Life After College	<p>Get involved to develop transferable skills</p> <ul style="list-style-type: none"> Attend departmental and campus events to network and meet faculty, staff, and students. Meet with a Career Counselor to explore careers and/or majors. Utilize Career Center resources, including Handshake. 	<p>Develop academic and career-related goals</p> <ul style="list-style-type: none"> Visit the Career Center to research fields of interest. Have resumes and cover letters reviewed by the Career Center. Now is the time to develop your academic and career goals with your advisor and a career counselor. 	<p>Gain experiential education in your field</p> <ul style="list-style-type: none"> Attend networking events and job fairs to learn about employment opportunities. Plan an internship experience with your faculty internship coordinator and the Career Center. Look at graduate school requirements to ensure you are on track. 	<p>Apply for jobs or graduate school</p> <ul style="list-style-type: none"> Prepare your applications for jobs and graduate school. Ask professionals to serve as references. Participate in mock interviews to strengthen skills and build confidence. Speak with the International Center about opportunities in the U.S. and abroad.

The map offers suggestions for activities and careers, but everyone's abilities, experiences, and constraints are different. **You don't have to do it all.**