

What you can do with your Biology major



As a Biology major you will study the science behind living organisms, to include the origin and history of animal and plant life, and their characteristics, functions, processes, and habits. You will learn many skills that are useful in a variety of professional applications. Many people with this major work to improve people's lives through curiosity, research, techniques, tools, and application of exciting new biochemistry and/or biophysics processes. Constant change internal and external to living organisms will drive demand for new treatments and procedures to expand wellness, fight genetic disorders and prevent/cure disease. Candidates will benefit from embracing adventure, exploration and experience inside and outside of the lab.

The Bureau of Labor and Statistics estimates that employment in Biology occupations will grow more than 9% from 2021 to 2031, faster than the average for all occupations. Studies have also shown that approximately 57% of biology students have gone on to graduate school, so seeking higher level education after graduation may be a significant factor in job searches.

Essential Skills & Characteristics to develop and highlight:



Passion for solving problems



Active, hands-on learning



Attention to detail and organization



Written and Oral Communications



Love of Laboratories



Data analysis



Digital Literacy



Teamwork

How To Get Started:

- Assess your personal strengths & preferences
- Research opportunities: online/in-person
- Expand your biology & technical network and professional brand
- Get an internship/relevant work experience
- Join a professional biology or related organization
- Connect with professionals through career conversations & job shadowing

Chart Your Path Forward with the Career Success Center

Activate Your Handshake Account

for events, coaching appointments and connections to jobs, internships, employer & alumni networking & more!
www.wcsu.edu/handshake

Explore Career Communities

to discover a wide variety of fields where you can turn your Biology major into success.

Get Career & Internship Advising

from the Career Success Center to make a plan, whether you're a first-year student or about to graduate

Put your Biology major to **WORK**

Common Alumni Job Titles:

- Biomedical Engineer
- Genetic Counselor
- Microbiologist
- Environmental Scientist
- Nurse Practitioner
- Biochemist
- Food Scientist
- Marine Biologist

Employers of Biology Majors:

- Danbury Hospital
- Regeneron
- MannKind Corporation
- Western Connecticut Health Network
- Unilever
- Labcorp
- Aetna
- Yale New Haven Hospital

Recent Biology Alumni

Employment Sector

43 % Health Care and Social Assistance
19 % Retail Trade
13 % Administrative, Support and Waste management
13 % Manufacturing
6 % Accommodation and Food Services
2 % Educational Services
2 % Other Services (Except Public Administration)
2 % Management of Companies and Enterprises

Live & Work

85 % Connecticut
9 % New England
4 % Middle Atlantic
2 % South Atlantic



[Waverly Rose Brim](#)

B.A. in Biology, Class of 2017

Founder of Minorities in Medicine, Artificial Intelligence M.S. student, Neurosurgery Postgraduate Research Fellow

"I had phenomenal professors who poured into me while earning my degree at WCSU. Now, I have the opportunity to pour into others."

Informational & Job Websites

<https://wcsu.joinhandshake.com/login>
<http://www.biospace.com/jobs/search-results.aspx/?Location=CT&Radius=50>
<http://www.biologyjobs.com/>
<http://www.hirelifescience.com/>
<https://www.liquidcompass.com/institutions/wcsu>
<http://jobs.newscientist.com/>
<http://www.onedayonejob.com/majors/biology/>
<http://www.pathwaystoscience.org/index.aspx>
<http://www.sciencecareerpathways.com/career-resources/>
<http://www.bls.gov/oes/current/oes191029.htm>
<http://www.abrf.org/>
<http://www.ashg.org/>
<http://www.ascb.org/>
<http://www.humbio.org/>



[Olivia Kelly Osnoski](#)

B.A. Biology, '20; M.S. Addiction Studies, Class of 2017
University of Tennessee Medical School student

"The small student-to-faculty ratio at WCSU was highly influential in my success. I was always asking questions, utilizing the faculty office hours. ... So many professors just go out of their way to be encouraging and make you feel supported."

Career Communities for Biology Majors

The Career Success Center has seven Career Communities to connect you with career advising, resources and programs. Here are a few suggestions on where Biology majors can start.

Not inspired by these options? Visit our website at www.wcsu.edu/careersuccess/career-communities/ to view more.

- [Healthcare, Wellness and Life Sciences](#)
- [Technology, Environmental and Physical Sciences](#)
- [Education & Human Services](#)