

BIOLOGY

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BIOLOGY PROFILE

According to the Bureau of Labor Statics, those who majored in Biology can expect employment in those areas to grow 11 percent from 2016 to 2026, faster than the average for all occupations. More people who have majored in Biology, are expected to be needed to do basic research that increases scientific knowledge and to research and develop biological products and processes that improve people’s lives. Techniques, tools, and applications of biochemistry and biophysics are expanding as technology and knowledge progress. However, budgetary concerns may limit researchers’ access to funding for basic research.

The aging population will drive demand for new drugs and procedures to cure and to prevent disease. This increased demand is, in turn, likely to drive demand for biochemists and biophysicists involved in biomedical research. For example, biochemists and biophysicists will be needed to conduct genetic research and to develop new medicines and treatments that are used to fight genetic disorders and diseases such as cancer. They will also be needed to develop new tests used to detect diseases and other illnesses.

[WCSU Biology](#)

[Occupational Outlook Handbook](#)

RELATED CAREER PATHS

The career paths listed below are only a sample of the opportunities one may consider. They have been taken from the Bureau of [Labor’s Occupational Outlook Handbook](#) and the [O*Net Online](#). Some career paths may require additional education and training. To gain more understanding of the different career paths, take a look at [Candid Career](#), where you can watch testimonials of people doing exactly what you might want to pursue.



BIOLOGY
CLICK PICTURE FOR VIDEO

Biologists	Biological Technician
Biology Teachers	Molecular and Cellular Biologists
Bioinformatics Scientists	Geneticists
Medical Scientists	Food Science Technicians
Natural Science Managers	Environmental Restoration Planners
Biochemical Engineers	Pharmaceutical Representatives

Biochemists	Education Administrators
Biological Statisticians	Zoologists

RÉSUMÉ SAMPLES & HELP

For a guide, and list of sample résumés, please visit our virtual résumé tool at <https://www.wcsu.edu/careersuccess/resumes/>. This is where you will find sample résumés, download our fillable résumés template, and find the cover letter & résumé checklist to ensure you are on the right track. Whether you are applying directly to a person, or an applicant tracking system (ATS), there are things you will need to know for your résumé to be recognized by the company's database. Use the checklist we provide and always proofread for perfection. Remember, your résumés and cover letters are the first writing samples any employer will ever see from you. You need to make sure it is perfect. Don't risk it, and come visit one of our Career Peer Leaders, who can help you. We are available Monday through Friday, either virtually or in person, anytime between 9 am to 5 pm. If you would like information, or to set an appointment, please contact the Career Success Center at careersuccess@wcsu.edu.

JOB SEARCH ENGINES

[Biologyjobs.com](#)

[Bio Space](#)

[Hire Life Science](#)

[Liquid Compass](#)

[New Scientist Jobs](#)

[PhramaOpportunities](#)

[SciencesCrossing](#)

RESEARCH RESOURCES

[Candid Career](#)

[College Grad](#)

[One Day One Job](#)

[Pathways to Science](#)

[Science Career Pathways](#)

SALARY INFORMATION

[Bureau of Labor Statistics; Biology Earnings](#)

[Pay Scale](#)

[Glassdoor](#)

WHAT YOU CAN DO NOW

Join a professional biology society or association – See list below

Consider studying abroad. [Click here](#) to learn more.

Volunteer for WCSU's Vita Program

Volunteer for [Junior Achievement](#) in your community

ASSOCIATIONS

Professional associations are a great way for college students, recent graduates, and career changers to enhance personal and professional development while being provided endless networking opportunities. Being a member of an association also offers chances to attend conferences, learn about latest industry trends, scholarships, internship opportunities, along with attitudes and competencies expected in the industries of interest. Many associations encourage students to participate and even offer drastically reduced membership rates. Joining an association could be the best thing you do for your career.

[Human Biology Association \(HBA\)](#)

[American Institute of Biological Sciences \(AIBS\)](#)

[Society for Laboratory Automation and Screening \(SLAS\)](#)

[The Society for Integrative and Comparative Biology \(SICB\)](#)

[The American Society for Cell Biology Association \(ASCBA\)](#)

[The American Society of Human Genetics \(ASHG\)](#)

[The Association of Biomolecular Resource Facilities \(ABRF\)](#)