

**Science,
Technology,
Engineering
& Math
(STEM)
Cluster**



Planning, managing and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services and research and development services.

Data Sources
Bureau of Labor
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Biological Technicians

We have always been interested in the living world around us. To survive, we had to understand which animals and plants were dangerous to us and which were good to eat. Today's biological technicians assist biologists and medical scientists who study living organisms using the modern methods of science, looking at plants, animals and microbes, which are microscopic organisms invisible to the naked eye.

If you are interested in studying living organisms and love nature, a career as a **biological technician** may be for you.

Biological technicians assist biological and medical scientists who study living organisms like animals, plants and microbes. They set up, operate and maintain laboratory instruments and equipment, monitor experiments, make observations and calculate and record results. They may analyze organic substances such as blood, food and drugs.

Are You Ready To...?

- Conduct experiments involving lab animals or plants
- Work regular hours in a lab or office
- Do research out in the field

It Helps To Be...

A person who loves nature, plants and animals and who wants to study and understand how organisms live and act.

A Day In The Life...

- Analyze biological research, test or analysis data
- Analyze chemical experimental, test or analysis data or findings
- Collect blood or tissue samples
- Conduct analyses of biological material samples

Salary and Opportunity in the Austin-area

Median Hourly Wage: \$19.05

*That comes out to more than
\$39,627 a year.*

**In 2016, we had
145 Biological Technicians.
By 2026, we'll need 162.**

Could you be one of the 17?

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Biological Technicians

After High School...

In addition to a high school diploma, many employers look for biological technicians with a **bachelor's degree**.



Top 5 Industries for Biological Technicians

1. Colleges, Universities and Professional Schools
2. Scientific Research and Development Services
3. Federal Government
4. Architectural, Engineering and Related Services
5. Medical and Diagnostic Laboratories

For more Career Profiles, visit our website:

[http://www.wfscapitalarea.com/YouthServices/
CareerPlanning.aspx](http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx).

Related College Majors

- Biochemistry
- Biology
- Biotechnology
- Botany
- Marine Biology
- Marine Sciences
- Microbiology
- Pharmaceutical Sciences

Related Industry Certifications

- Biochemical Lab Techniques
- Certification Maintenance Program
- Cyrotechnologists
- Donor Phlebotomy Technician
- Medical Laboratory Scientist
- Pathologist Assistant
- Phlebotomy Technician
- Specialist in Blood Banking

Related Careers

- Agricultural and Food Scientists
- Biomedical Engineers
- Conservation Scientists
- Forensic Scientists
- General Practitioners
- Medical Scientists
- Pharmacists
- Veterinarians

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