

BAY COUNTY

- Career Pathways -

AGRICULTURE BIOTECHNOLOGY



Agricultural Science today is where technology and animal and food science meet. If you want to develop the "perfect wine" in Viticulture, work with animals or work on developing genetically stronger plant breeds, this is the career field for you! Technology and research are central in this career field. This career field significantly impacts our everyday life. Consider a rewarding career in the field of Agricultural Science.

FIRST

Requires on-the-job training, work experience, and/or a high school diploma.

Job

2023 Avg. Hr. Rate

Animal Trainers	\$18.93
Animal Caretakers	\$13.18

NEXT

Requires 2-4 years of education beyond high school.

Job

2023 Avg. Hr. Rate

Veterinary Assistants and Laboratory Animal Caretakers	\$14.42
Agricultural Technician	\$19.64
Biology Technicians	\$20.84
Veterinary Technologists and Technicians	\$17.23

LATER

Requires 4 or more years of education beyond high school plus work experience.

Job

2023 Avg. Hr. Rate

Veterinarians	\$52.08
Zoologists and Wildlife Biologists	\$25.52
Agricultural Engineers	\$40.22
Biological Scientists, All Other	\$30.13

* See back for Training Pathways >>

TRAINING PATHWAYS in

Agriculture Biotechnology



*Programs are middle & high school career exploration or career pathways. Students enrolled in the Agriculture Academy at Deane Bozeman HS can sit for the **Agriculture Associate Certification** and the **Agritechnology Specialist Certification Industry Certifications**.*

FIRST

Training Program

- Agriscience Foundations
- Agricultural Biotechnology 2
- Agricultural Biotechnology 3
- Animal Biotechnology

Institutions / School

Bozeman High School
Bozeman High School
Bozeman High School
Bozeman High School

** Through completion of this academy, you could qualify for the Bright Futures Gold Seal Vocational Scholarship.*

NEXT

Programs are certifications, technical programs or 2 year degrees.

Training Program

- A.S Biology Option, Liberal Arts

Institutions / School

Gulf Coast State College

- A.A. Agricultural Science Option
- A.A. Veterinary Medicine Option
- A.A Biology Option

Gulf Coast State College

LATER

Requires 4 or more years of education beyond high school plus work experience.

Training Program

- B.S. Agricultural Operations Management
- B.S. Animal Sciences

Institutions / School

University of Florida
Florida A & M University

SOURCES:

*Bureau of Workforce Statistics and Economic Research,
Florida Department of Economic Opportunity, Florida Statewide
Demand Occupations List, 2022-2023

*U.S. Department of Labor, Bureau of Labor Statistics, Florida
Occupational Employment and Wages Report, 2021

The district's career and technical programs are open to all eligible students and are committed to a nondiscrimination policy in employment and educational opportunity. Questions or complaints may be sent to Holly Buchanan, Executive Director/Equity Coordinator/ Human Resources and Employee Support Services @ 850-767-4100 (buchahda@bay.k12.fl.us).