

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

2022 Avg. Hr. Rate

Veterinary Assistant

\$10.36

Forest Aide

\$10.81

NEXT

Requires 2-4 years of education beyond high school.

Job

2022 Avg. Hr. Rate

Nursery and Greenhouse Manager

\$23.55

Agricultural Technician

\$17.51

Pesticide Handler

\$16.79

Agricultural Inspector

\$20.75

LATER

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

Job

2022 Avg. Hr. Rate

Agricultural Operations Manager

\$29.02

Research and Development Manager

\$50.30

Research and Development Engineer

\$44.17

Ranch Manager

\$18.61

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

Institutions / School

Gulf Coast State College

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:

*Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research, Occupational Employment Statistics Program (OES), 2020

*Bureau of Labor Statistics, U. S. Department of Labor, Occupational Outlook Handbook, 2020

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 Shirley Byas, Executive Director/Equity Coordinator/ Human Resources and Employee Support Services @ 850-767-4100 (bakerys@bay.k12.fl.us).