



### Academy Overview: Marine and Zoological, Environmental Sciences



The MAZES Academy is designed to give high school students an opportunity to prepare for careers in marine, zoological, and environmental science fields. Students will be introduced to real world problems solving experiences through job shadowing and internship opportunities. The MAZES Academy will provide students with 21st century skills that will enable them to work in groups, complete projects, and apply critical thinking during the project-based situations.

### Career Opportunities

High School Diploma	High School + 2 Year Training	High School + 4 Year Degree
Geology Technician	Environmental Marketing Specialist	Park Ranger
Field Sampling Technician	Environmental Web Crawler	Hydro Geologist
Mobile Lab Technician	Specialist	Marine Biologist
Land Survey Technician	Chemistry/Analytical Lab Technician	Wildlife Biologist
Charter Services	Wastewater Analyst	Environmental Engineer
Shrimper	Fisheries Technician	Aquatic Engineer
	Hydrology Technician	Marine Patrol Officer
		Business Owner
		Teacher
		Veterinarian
		Aquaculturist
		Oil Rig Worker
		Zoologist

## Pathway Selections

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### Completer

Core Courses + Choose at least 3 Academy courses

### Advanced Completer

Core Courses + Choose at least 4 Academy courses

## Course Offerings

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Forensics

Marine Biology

Chemistry 1, AP

Zoology

Physics 1, CP, AP

Environmental Science

Human Anatomy & Physiology

Earth and Space

Bryant Center Courses:

*Environmental Management*

*Forestry*

*GH/Sports Turf Grass Management*

*Horticulture*

## Additional Components

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Mentoring

Professional Portfolio

Job Shadowing/Bryant Center

Community Service Hours

Club/Athletic Team Member

Internship

