



(New Visions)

# Zoo Wildlife & Conservation Careers

1 Year Program • In Partnership with the Buffalo Zoo

## CAREER PATHS

### Professional Careers

- Veterinarian
- Wildlife Biologist
- Zoologist
- Curator
- Marine Biologist / Ecologist
- Environmental Scientist
- Park Naturalist
- Conservation Land Manager

### Technical Careers

- Licensed Veterinary Technician
- Wildlife Rehabilitator
- Fish and Game Warden
- Park Ranger
- Animal Trainer
- Wildlife Enforcement Officer
- Habitat Specialist
- Animal Nutritionist
- Aquarist
- Animal Control Worker

### Entry Level Careers

- Groomer
- Veterinary Assistant
- Animal Shelter Worker
- Kennel Assistant
- Animal Caretaker
- Pet Sitter
- Wildlife Rehabilitation Assistant

## PROGRAM ELIGIBILITY

- CDOS Credential or Pathway
- 4 Academic Credits per Year



## PROGRAM SUMMARY

- Consider the 23-acre Buffalo Zoo your new home!
- The Zoo Wildlife and Conservation Careers program allows highly motivated, college bound seniors the opportunity to explore a career in the many areas related to wildlife conservation and zoo management.
- This exciting program includes study in wildlife research, animal care, veterinary care and exhibit design.
- Students will also gain experience in conservation education and zoo marketing and development as well as horticulture and grounds and life systems maintenance.
- Each semester will culminate with a project in which students research and design their own animal exhibit with input from the Buffalo Zoo's animal experts.
- Correlate concepts of government and economics as they relate to animal and environmental issues.

## COLLEGE CREDIT CONNECTIONS

- Canisius College

## SPECIAL NOTES

- New Visions programs require an application and interview.
- Students must provide own transportation.
- Students are required to have completed 2 academic credits in Regents level science and 2 academic credits in Regents level math upon entering the program.
- Current immunizations, PPD, and physical exam required.



# buffalozoo



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## CONSERVATION

- Habitat Loss
- Invasive Species
- Pollution and Pesticides
- Population Growth and Exotic Trade
- Public Education

## VETERINARY AND ANIMAL CARE

- Zoonotic Disease
- Veterinary Care
- Nutrition
- Population Management
- Preventative Care and Maintenance
- Animal Husbandry

## WILDLIFE RESEARCH

- Trusted Resources and Journals

## MARKETING AND DEVELOPMENT

- Print Media
- Website Information
- Television
- Fund Raising

## HORTICULTURE

- Native Plants
- Tropical Plants
- Landscape Conservation
- Botony

## ANIMAL SCIENCE

- Reptiles
- Amphibeans
- Birds
- Fish and Marine Life
- Mammals
- Invertebrates

## LIFE SYSTEMS MAINTENANCE

- Sanitation
- Environmental Factors
- Best Practices for Zoo Keeping
- Exhibit Maintenance
- Aquarium Science

## ZOO GUEST EXPERIENCE

- Guided Tours
- School Programs
- Zoo Events
- Retail
- Food/Concessions

## EXHIBIT DESIGN

- Animals Representing the Chosen Biome
- Plants Representing the Chosen Biome
- Exhibit Layout
- Needs of the Animals
- Enrichment
- Public Education Signs and Interactive Displays