Career Paths

PROFESSIONAL CAREERS
- Veterinarian
- Wildlife Biologist
- Zoologist
- Curator
- Marine Biologist
- Environmental Scientist
- Fish and Game Warden
- Ecologist
- Wildlife Enforcement Officer

TECHNICAL CAREERS
- Licensed Veterinary Technician
- Wildlife Rehabilitator
- Animal Trainer / Behaviorist
- Habitat Specialist
- Animal Nutritionist
- Aquarist
- Animal Welfare Agent
- Zookeeper
- Wildlife Technician

ENTRY LEVEL CAREERS
- Veterinary Assistant
- Animal Shelter Worker
- Kennel Assistant
- Animal Care Specialist
- Wildlife Rehabilitation Assistant
- Detail Associate
- Stable Worker
- Farm Hand
- Zoo Program Assistant

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 options in the many areas related to wildlife, conservation and zoo-based careers.
- This exciting program includes daily access to zoo grounds, internships with keepers, behind the scenes tours, and diverse guest speakers.
- Students will get to experience the zoo’s day to day operations and learn how to incorporate conservation into their daily lives and help spread the message to others.
- The school year 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 ELA, government and economics as they relate to animal and conservation topics.

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.

PROGRAM ELIGIBILITY
- 1 Credit ELA 12
- 1 Credit PIG/Economics
- 1 Credit Internship
- 1 Credit Zoology
ZOO WILDLIFE & CONSERVATION CAREERS

CONSERVATION
- Habitat Loss
- Invasive Species
- Climate Change
- Biodiversity
- Conservation Education
- Species Survival Plans

ANIMAL HUSBANDRY
- Zoo Animal Care
- Diet and Nutrition
- Population Management
- Record Keeping and Transportation

EVOLUTION OF ZOOS
- Zoo History
- Today’s Zoos
- Professional Zookeeping
- Animal Ethics and Welfare
- Safety

ZOOLOGY & ANIMAL SCIENCE
- Reptiles
- Amphibians
- Birds
- Fish and Marine Life
- Mammals
- Invertebrates
- Anatomy and Physiology

BEHAVIOR
- Basic Animal Behavior
- Animal Observations
- Enrichment
- Positive Training Methods
- Husbandry Training

VETERINARY CARE
- Zoonotic Disease
- Safety
- Handling and Restraint
- Preventative Care and Maintenance
- Directional Terminology

EXHIBIT DESIGN
- Planning an Exhibit
- Plant Selection
- Exhibit Considerations and Safety
- Needs of the Animals
- Life Systems Maintenance
- Public Education Signs and Interactive Displays

HORTICULTURE
- Native Plants
- Identifying Plants
- Botany
- Zoo Horticulture

ZOO OPERATIONS
- Mission and Purpose
- Educational Displays
- Zoo Events
- Volunteer Opportunities
- Marketing and Business