

A large, multi-story classical building with a central portico supported by four columns. The building has a light-colored facade and a balcony on the top floor. In front of the building is a wide, paved walkway that curves slightly to the left and right. The walkway is flanked by green lawns and several trees, some of which are bare, suggesting a cooler season. The sky is blue with some light clouds.

**Welcome to  
WFSC!!!**

Internships  
open doors....































# Options: Degree Plan

- Wildlife/Fisheries Management
  - Fisheries Ecology & Management
  - Wildlife Ecology & Management
- Conservation Biology & Biodiversity
  - Aquaculture
  - Natural Resource Collections & Museums
- Vertebrate Zoology (pre-med, pre-vet)





















# Wildlife/Fisheries Mgmt.

- Environmental Impact Assessment
- Hunting and Fishing
  - management
  - Law enforcement
- Ecosystem studies
- 2 Certifications:
  - Assoc. Fisheries Profes.
  - Assoc. Wildlife Biologist
- Jobs:
  - Government agencies
  - consulting
  - teaching
  - environmental monitor



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# Wildlife Ecology & Mgmt.

- Wild animals
  - Game (deer, ducks)
  - Non-game (coyote)
  - Threatened (bear)
- Habitat:
  - food, shelter, water
- Hunting
  - Harvest quotas
  - Hunter education
- Certification:
  - Associate Wildlife Biologist
- Jobs: Wildlife Biologist
  - Private
  - State
  - Federal
  - Tribal



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UNIVERSAL  
TECHNICAL  
INSTITUTE







# Fisheries Ecology & Mgmt.

- Aquatic animals
  - Sport (bass)
  - Commercial (shrimp)
  - Endangered (paddlefish)
- Habitat
  - Freshwater lakes, rivers
  - Ocean, estuaries
  - Food chain
- Anglers
  - Values, beliefs, knowledge
- Certification:
  - Associate Fisheries Professional
- Jobs: fish biologist
  - Private
  - State
  - Federal
  - Tribal

















# Conservation Biology

- Diversity of life
  - Ecosystems
  - Species
  - genotypes
- Landscapes
  - Protected areas
- Stewardship
  - Sustainable use
  - Intrinsic value
- Certification: none
- Jobs: conservation biologist
  - Non-profit organization
  - Government
  - University
  - Zoos & aquaria



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Cortina  
ESTABLISHED 1984

BIG DOGS



# Aquaculture

- Food production
  - Fish (catfish, tilapia)
  - Seafood (shrimp, oysters)
- Aquatic systems
  - Ponds
  - hatcheries
- Marketing & distribution
  - Certified disease free
  - Storage
  - acceptability
- Certification: none
- Jobs: Aquaculturalist
  - Private
  - Commercial
  - University



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# Natural Resource Collections & Museums

- Living and preserved
  - Captive breeding
  - Reintroduction
  - Genotypes, artifacts
- Environmental design
  - Parks, refuges
  - Nature centers
  - Zoos, aquaria, gardens
  - museums
- Visitors, volunteers, staff
  - Education, funding
- Certification: none
- Jobs:
  - Interpretive naturalist
  - Curator- resource manager
  - Animal/plant caregiver
  - Exhibit designer
  - Resource and visitor protection
  - Construction & maintenance
  - Administration





















# Vertebrate Zoology

- Physiology
  - Organisms, systematics
  - Internal organ systems
  - Cellular biology, genetics
- Adaptations to environment
  - Behavioral ecology
  - Tolerance range
  - Stress, disease
  - Natural selection
- Research skills
- Pre-med, pre-vet, graduate school
- Jobs:
  - Doctor, nurse, technician
  - Dentist, dental technician
  - Veterinarian, vet tech.
  - Environmental law
  - Professor
  - Scientist



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