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
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
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
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
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