FISHERIES AND WILDLIFE BIOLOGY BACHELOR OF SCIENCE

With a Bachelor's degree in Fisheries and Wildlife, you can pursue various career paths in conservation, wildlife management, and environmental science. You could work as a wildlife biologist, conservation officer, park ranger or fisheries manager, helping to monitor and protect animal populations and their habitats. Careers in ecological research, habitat restoration, and environmental education are also common. Additionally, positions with government agencies, non-profits, or consulting firms allow you to contribute to policy development, resource management, or wildlife conservation initiatives.

Degree Plan

Code	Title	Credits
General Education Requirements		
Communications (9 credits)		
ENG 110	Composition I	3
ENG 120	Composition II	3
COM 110	Fund. of Public Speaking	3
Arts Humanities (6 credits)		
Select an Arts and Humanities general education course (https://uttc-public.courseleaf.com/academic-affairs/general-education-matrix/arts-humanities/) [1]		6
Social Sciences (6 credits)		
Select a Social Sciences general education course (https://uttc-public.courseleaf.com/academic-affairs/general-education-matrix/social-sciences/) [1]		6
Math, Science Technology (26 credits)		
BIO 150	General Biology I/LAB	4
BIO 151	General Biology II/LAB	4
CHM 121	General Chemistry I/LAB	4
CHM 122	General Chemistry II/LAB	4
CSC 101	Introduction to Computers	3
MTH 107	Precalculus	4
MTH 210	Elementary Statistics	3
Institutional Specific (2 Credits)		
FND 106	First Year Exp & Health Living	2
Required Program Core Courses		
BIO 121	Introduction to Fisheries and	3
BIO 230	Ecology	3
BIO 312	Evolution	3
BIO 315	Introduction to Genetics	3
BIO 320	Botany and Plant Systematics	3
or HUM 240	Ethnobotany	
BIO 333	Population Biology	3
BIO 425	Ichthyology	3
BIO 426	Birds and Mammals	3
BIO 431	Wildlife Management & Restoration	4
BIO 432	Techniques in Wildlife Pop. Assess	3
BIO 433	Aquatic Ecology	3
BIO 438	Fisheries Management	3
BIO 439	Conservation Biology	3
GEO 105	Physical Geology with Lab	4
GIS 105	Fundamentals of GIS	3
MTH 342	Environmental Research Statistics	3
RES 393	Senior Research I	3
RES 394	Senior Research II	3
RES 395	Senior Research III	3
RES 493	Senior Research Capstone	2
SOI 210	Introduction to Soil Science	3
TES 199	Intro to Scientific Literature	1
TES 222	Environmental Law and Conservation Programs	3
TES 410	Environmental Regulations	3
Required Program Core Courses Subtotal		120
Total Credits		**120**

[1] Denotes Native Studies institutional requirement.

Program Learner Outcomes

Graduates of the UTTC Fisheries and Wildlife Biology BS degree programs will:

1. Apply mathematical concepts to find solutions to real-world problems.
2. Synthesize scientific concepts and data, social dynamics, and cultural context to formulate sustainable solutions to Wildlife or Fisheries issues.
3. Defend an original research project.
4. Demonstrate Proficiency in Wildlife and Fisheries Techniques.