Fisheries, Wildlife, and Conservation Biology

The degrees are offered through the Fisheries, Wildlife, and Conservation Biology program, an intercollegiate program administered by the Colleges of Natural Resources, Agriculture and Life Sciences, and Veterinary Medicine. Students are affiliated with the department of their major professor. The degrees emphasize habitat assessment, population biology, human dimensions, environmental policy, animal health, and sustainable management of fish and wildlife species.

Master's Degree Requirements

The Master of Fisheries, Wildlife, and Conservation Biology degree requires a minimum of 30 credits, including at least 1 credit hour of either a seminar or an introduction to graduate research and *up to* 6 hours of masters supervised research (FW 693). The program recommends Introduction to Biological Research (AEC 502; 2 cr) to meet the seminar requirement but accepts similar courses from the departments participating in the program. All master's degrees at NC State University require 18 credits of letter-graded courses. A professional paper and public defense are also required. Further requirements may be imposed by a student's advisory committee.

The Master of Science in Fisheries, Wildlife, and Conservation Biology degree requires a minimum of 30 credits, including at least 1 credit hour of seminar or an introduction to graduate research and *at least* 6 hours of master's thesis supervised research (FW 695). The program recommends Introduction to Biological Research (AEC 502; 2 cr) to meet the seminar requirement but accepts similar courses from the departments participating in the program. All master's degrees at NC State University require 18 credits of letter-graded courses. A thesis and final comprehensive examination are also required. Further requirements may be imposed by a student's advisory committee.

Doctoral Degree Requirements

The Ph.D. degree requires 72 graduate credit hours beyond the bachelor's degree. Some master's degree credits can be transferred (18-36 hours), meaning 36 to 54 credits beyond the master's degree are typically required. Additional requirements include 2 credit hours of seminar and FW 730 (Ethics in Fisheries, Wildlife, and Conservation Biology). The 2 credit hours of required seminar can be met by taking a combination of seminar classes or an introduction to research course approved by the student's committee. The program recommends Introduction to Biological Research (AEC 502; 2 cr) to meet the requirement. A preliminary comprehensive examination, dissertation, and final comprehensive examination are required. Further requirements may be imposed by a student's advisory committee.

Student Financial Support

Graduate research and teaching assistantships are offered for qualified students through participating departments. Commitments for assistantships are normally made at the time of admission to graduate study.

Other Relevant Information

Research near campus is facilitated by excellent field, laboratory and computer resources. Off-campus research is conducted at the Pamlico Aquaculture Field Laboratory, research and extension centers in eastern and western NC, The Center for Marine Sciences and Technology in Morehead City, Bull Neck Swamp, Hill Forest, and at facilities of state and federal agencies and private organizations.

Fisheries, Wildlife, and Conservation Biology Program Website (http://cnr.ncsu.edu/fer/grad/)

Admissions Requirements

Application for admission is made directly to the Fisheries, Wildlife, and Conservation Biology program. Minimum requirements include an undergraduate grade point average of 3.0 in an appropriate biological discipline. Completion of the Graduate Record Examination (GRE) is optional, depending on the requirements of individual faculty. Admission is competitive and is contingent on the willingness of a member of the faculty to serve as the major professor. Exceptions to minimum requirements may be made for students with special backgrounds.

Applicant Information

- **Delivery Method:** On-Campus
- **Entrance Exam:** None
- **Interview Required:** None

Application Deadlines

- **Fall:** January 15 (Aid); June 25 (Adm. only)
- **Spring:** September 30 (Aid); November 25 (Adm. only)

Degrees

- Fisheries, Wildlife, and Conservation Biology (MR) (https://catalog.ncsu.edu/graduate/interdisciplinary/fisheries-wildlife-conservation-biology/fisheries-wildlife-conservation-biology-mr/)
- Fisheries, Wildlife, and Conservation Biology (MS) (https://catalog.ncsu.edu/graduate/interdisciplinary/fisheries-wildlife-conservation-biology/fisheries-wildlife-conservation-biology-ms/)
- Fisheries, Wildlife, and Conservation Biology (PhD) (https://catalog.ncsu.edu/graduate/interdisciplinary/fisheries-wildlife-conservation-biology/fisheries-wildlife-conservation-biology-phd/)

Faculty

Full Professors

David Derek Aday

Anthony T. Blikslager

Russell J. Borski

Jeffrey A. Buckel

Jaime A. Collazo

William Gregory Cope

Maria T. Correa

Frederick Willis Cubbage

Robert R. Dunn

Kevin Gross

Harry Valentine Daniels III

Christopher S. DePerno

David B. Eggleston

John R. Godwin

Craig A. Harms

George R. Hess

Jeffrey M. Hinshaw

Jay Frederick Levine

Thomas J. Kwak

Thomas M. Losordo

Kathryn Montgome Meurs

Christopher E. Moorman

Stacy Arnold Charles Nelson

Markus Nils Peterson

Luis Alonso Ramirez-Ulate

Robert Jeryl Richardson

Ann Helen Ross

Robert Michael Scheller

Bruce A Schulte

Clyde E. Sorenson

Michael K. Stoskopf

Associate Professors

Caren Beth Cooper

Jodi Anne Forrester

Madhusudan V. Katti

Randall Brian Langerhans

Ivana Mali

Theodore Henry Shear

Assistant Professors

Tal Ben-Horin

Matteo Petit Bon

Jie Cao

Corey Dunn

Ritwick Ghosh

Khara Deanne Grieger

Tara Myers Harrison

Nathan James Hostetter

Lincoln Ray Larson

Nadya Rose Mamoozadeh

Jamian Krishna Pacifici

Olivia Anne Petritz

Benjamin J. Reading

Kathryn Tate Stevenson

Bradley William Taylor

Eric A. Wade

Elsa Youngsteadt

Practice/Research/Teaching Professors

Jesse Robert Fischer

Roland Wesley Kays

Lara B. Pacifici

Martha Burford Reiskind

Kara Kristina Walker

Program Director

Nils Peterson
mnpeters@ncsu.edu

Admissions Contact Information

Admission into the graduate program is contingent upon the prospective student identifying a faculty member willing and able to serve as a mentor. See the program directory for a list of faculty that may advise students in the degree program at NC State. Please direct admissions inquiries to your potential advisor's department contact below.

Department of Forestry & Environmental Resources

Steve Griffin
segriff5@ncsu.edu

Department of Applied Ecology

Freha Legoas
fclegoas@ncsu.edu