

# FISHERIES, WILDLIFE, & CONSERVATION BIOLOGY CORE CURRICULUM

Effective Fall 2018

Courses in common for all 3 Specializations: Fisheries, Wildlife, & Conservation Biology  
Prerequisites are listed in brackets; Semester usually offered is indicated

## A. Mathematical Thinking (8)

- \_\_\_ Calculus; (4), Math 1142, 1271, *or* 1281, Fall & Spring
- \_\_\_ Statistics; (4), FW 4001 Fall *or* ESPM 3012, Spring

## B. Chemical and Biological Sciences (18)

- \_\_\_ CHEM 1061/1065 Chemical Principles I; (4) [mandatory placement exam *or* CHEM 1015], Fall & Spring
- \_\_\_ BIOL 1009 General Biology; (4), Fall & Spring
- \_\_\_ BIOL 2012 General Zoology; (4) [BIOL 1009], Fall & Spring
- \_\_\_ FW 4301 Conservation Genetics; (3), Spring: even years  
*Or* GCD 3022 Genetics; (3) [Biol 1009], Fall & Spring
- \_\_\_ EEB 3407 *or* EEB 3408W *or* EEB 3807 Ecology; (3 or 4), [BIOL 1009, Calculus], Fall & Spring

## C. Fisheries, Wildlife, and Conservation Biology Courses (9-11)

- \_\_\_ FW 1001 Orientation to Fisheries, Wildlife, and Conservation Biology; (1), Fall
- \_\_\_ FW 2001W Introduction to Fisheries, Wildlife, and Conservation Biology; (3) [BIOL 1001 *or* 1009], Fall
- \_\_\_ FW 3104 Skills for Field Techniques in Habitat Assessment, Research & Conservation; (2), ONLINE, Summer, Field Session; it is offered every year in August, and in May even years.
- \_\_\_ FW 3106 Important Plants in Fisheries and Wildlife Habitats; (1), Summer, Field Session; it is offered every year in August, and in May even years.
- \_\_\_ FW 3108 Field Methods in Research and Conservation of Vertebrates; (3), Summer, Field Session; it is offered every year in August, and in May even years.
- \_\_\_ Professional Experience: Internship ESPM 4096, *or* CFAN 3096; (1) Spring and Fall

## D. Experiential and Interdisciplinary Learning (College requirement; credits covered above)

- Experiential Learning: ESPM 4096 *or* CFAN 3096
- Interdisciplinary Learning: FW 2001W

**Students interested in graduate school should consider a full year of calculus (MATH 1271 & 1272) and chemistry (CHEM 1061/1066)**

## E. Upper Division Writing Intensive within the Major

Students are required to take one upper division writing intensive course within the major.