FISHERIES, WILDLIFE, & CONSERVATION BIOLOGY
CORE CURRICULUM
Effective Spring 2015

Courses in common for all 3 tracks: Fisheries, Wildlife, & Conservation Biology
Prerequisites are listed in brackets; F means usually offered fall semester; S is spring, F/S is both

A. Communication Skills (7-8 credits)
   ______ WRIT 1301 or WRIT 1401 University Writing; (4),[by placement]),F/S
   ______ 2nd Communications Course; (3-4), Comm 1101, WRIT 3257, or WRIT 3562W

B. Mathematical Thinking (8)
   ______ Calculus; (4), Math 1142, 1271, or 1281, F/S
   ______ Statistics; (4), FW 4001 F or ESPM 3012, S

C. Chemical, Biological and Physical Sciences (18)
   ______ Chem 1061/1065 Chemical Principles I; (4), [mandatory placement exam or 1015], F/S
   ______ Biol 1009 General Biology; (4), F/S
   ______ Biol 2012 General Zoology; (4), [Biol 1009], F/S
   ______ GCD 3022 Genetics;(3), [Biol 1009], F/S
   ______ EEB 3407 or EEB 3408W or EEB 3807 Ecology; (3), [Biol 1009, Calculus], F/S

D. Fisheries, Wildlife, and Conservation Biology Courses (9-11)
   ______ FW 1001 Orientation to Fisheries, Wildlife, and Conservation Biology; (1), F
   ______ FW 2001W Introduction to Fisheries, Wildlife, and Conservation Biology; (3) ( Biology 1001 or 1009)
   ______ FW 3106 Important Plants in Fisheries and Wildlife Habitats; (1), [EEB 3407], This is Summer, Cloquet
   ______ FW 3108 Field Methods in Research and Conservation of Vertebrates; (3), This is Summer, Cloquet
   ______ Second Experience; Internship CFAN 4096, CFAN 3502, 3504, 3514, FW 5625, Or Course approved by
     Major Coordinator

E. Experiential and Interdisciplinary Learning
   • Experiential Learning: FW 5051 Or a course approved by the major coordinator
   • Interdisciplinary Learning: FW 2001W ( Effective Fall 2013 or after)

F. Liberal Education Requirements
Social Science & major requirement
   ______ Econ or APEC 1101 (meets GP theme) (4),or recommend ESPM 3261(4); meets envir theme)

Other Liberal Education Requirements
Historical Perspective (3) _________________________________
Literature (3) _________________________________
Arts / Humanities (3) _________________________________

Designated Themes – At least one 3 credit course from four of the five themes
Civic Life and Ethics; Comm 1101, ESPM 3271, ESPM 3241_W
Diversity & Social Justice in the US ________________________
Environment: ESPM 3261, ESPM 3245, FW 4102
Global Perspectives: ECON 1101, APEC 101, Study Abroad Program (Must be at least three weeks)
Technology & Society: FR 3131

G. Area of Specialization
Students must choose Fisheries, Wildlife, or Conservation Biology. Pre-vet is also an option, but must be taken
in conjunction with another track. See track-specific curriculum guide sheets for additional requirements.

† Fisheries students are also required to take Chem1062 & 1066(See Fisheries Area of Specialization); we
recommend taking Chem 1061 & 1065 and 1062 & 1066 sequentially. Students interested in graduate school
should consider a full year of calculus (Math 1271 & 1272) and chemistry (Chem 1061/1065 & 1062/1066).