

**Syllabus**  
**WILD 563 - Advanced Topics in Habitat Ecology (1 credit)**

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Office Hours are by appointment.

**Lecture times:** 3:00 - 4:30, Tuesday, STONE HALL 108

**Prerequisites:** Consent of instructor, recommended WBIO 562 or equivalent.

**Class restricted to:** Graduate students in WBIO, or other by permission.

**Course objectives:** This class is intended for graduate students in Wildlife Biology at the MS or PhD level to complement the survey course WBIO 562, Wildlife Habitat modeling. In this class, we will build on the key foundations of habitat ecology theory and application through selected readings of key recent scientific papers. Class format will consist of weekly readings assigned for discussion, student-lead presentation of assigned scientific papers, and individual and/or group projects depending on the particular topic of issue in each semester.

**Spring 2023:** During Spring 2023 graduate students will be discussing the scientific publishing process, scientific peer review, reviewing the Banff National Park Forage biomass model developed with remote and ground data, conducting practice seminar and defense talks, and learning about GitHub for version control with R programming language, and other related topics. Graduate students will be responsible for leading discussion on topics of their choice pairing readings from the recent ecological literature.

**Required Readings:** Will be assigned from current scientific literature and made available through email distribution. Readings assigned will form the basis of discussion in class and it is expected they will have been read before class!

**Grading:**

Grading for this course will be **pass/fail**, and evaluated based on contributions to class discussions, individual student presentations of one topic through each semester, and class participation.