Fish and Wildlife Sciences

1. Change the following course:

WLF 540 Conservation Genetics (1-3 cr, max 3)
Same as For 540. Basic principles of population genetics and phylogenetics and their applications to the field of conservation genetics and natural resource management. Taught in three 1-credit modules, and students can register for 1-3 credits. Module 1 includes introduction to conservation genetics and phylogenetics, module 2 includes population genetic theory and methods, and module 3 includes applications in conservation genetics and genomics. Case studies and examples from current literature; topics include genetic diversity, inbreeding, population structure, gene flow, genetic drift, molecular phylogenetics, and hybridization. (Fall/Spring, Alt/yr)

Rationale: Course is being redesigned in a modular format to give students the option of taking it for 1-3 credits. Many students are interested in the topic, but not all can fit the full 3-credit class into their schedule and some graduate students have to leave early during spring semester for field work. This change was requested by graduate students during an assessment focal group meeting. Co-instructor for For540 is no longer teaching the class, hence, the cross-listing is being dropped. Moving this course to spring provides a better balance for the FWS instructor’s teaching load.