







Fall 2021 Online Graduate Seminar

Conservation Genomics

Read & discuss the <u>latest journal papers</u> for applications of <u>whole genome analysis to conservation</u> to natural systems – wild animals, plants, and pathogens

Options:

1 unit (1 hour per week) - read and discuss latest journal papers; or
2 unit – above plus, chapter-a-week in conserve. genetics book; or
3 unit option – above plus term literature research project.

PATB 5120 CRN 19555 or ECOL 5620 CRN 19547

Sessions are synchronous online. First sessions introduce students to basics of the science in a low key friendly atmosphere.

Questions? Email Dr. <u>Holly.Ernest@uwyo.edu</u> <u>http://www.wildlifegenetichealth.org/conservation-genomics/</u>

Day and time TBA: planned around registered students' schedules:

Scheduling poll to be sent in Aug 2021

Students who have taken this course before can take again – different each year

population evolution animal

genetics CONSERVATION geneflow

dna nature genomics climate

genome bird ecology biology

pathogens adaptation