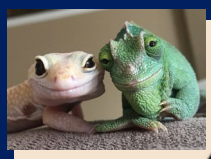
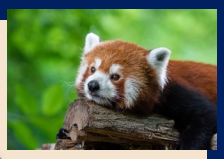
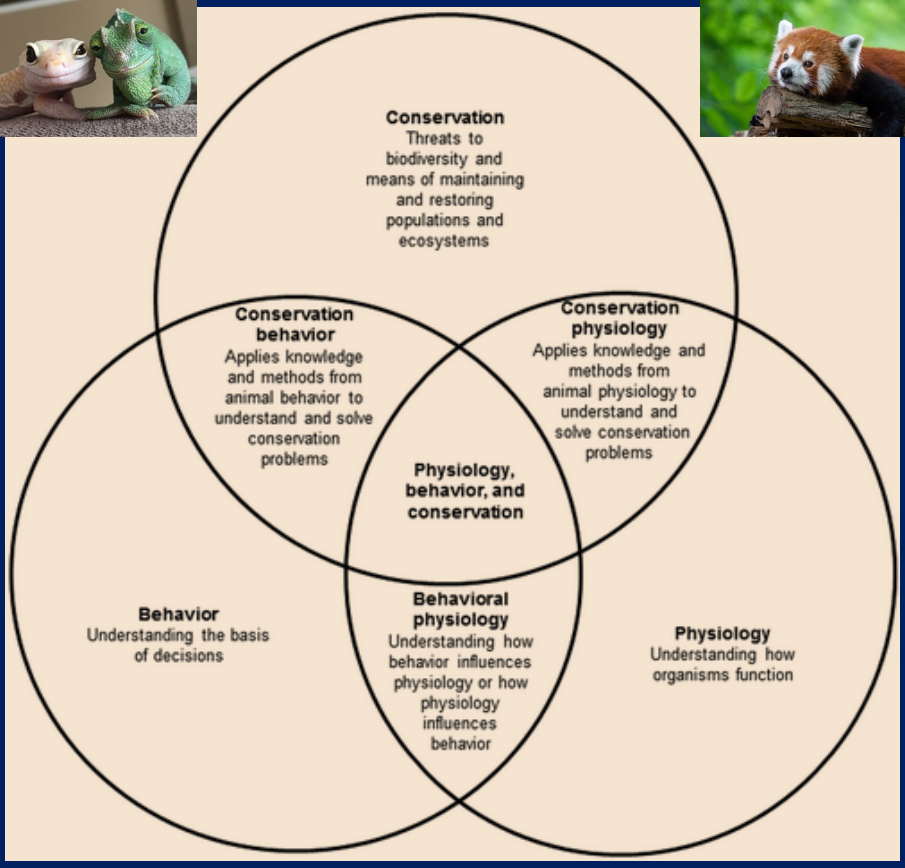
Seminar in Conservation Biology – BIOS 7970
Conservation Physiology







We are living in an unprecedented period in which global habitats are experiencing massive changes at an alarming rate. Turnover of forest, grassland, and wetland into human dominated landscapes reduces the availability of habitat to support species. Furthermore, the near unabated release of greenhouse gases is transforming Earth's climate; the world is getting warmer and patterns of rainfall are shifting. The principles of **Conservation Physiology** - the interaction between ecology, behavior and physiology at different levels of organization - provides a framework for understanding how organisms respond to altered environments. This course focuses on the challenges organisms face in world with novel and more extreme climates. Topics include: evidence of anthropogenic climate change, physiological and behavioral responses to thermal and hydric stress, the physiology/life history nexus, thermal variation and population dynamics, eco-physiological approaches to population management.

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Day, time, location TBA (class will meet for 2 hours each week)
Please email for additional information