

BIOL 481: The role of ecological niche on the skull morphology of African rodents

The Biology Department oversees the care of the Natural History Collection, which contains thousands of specimens collected decades (and up to a century) ago! Using specimens collected by Dr. Dick Neal, a reproductive biologist interested in African rodents, a motivated student will investigate how environment (ecological niche) influences the skull morphology of two different African rodent species collected from two different regions in Africa. The student will have the opportunity to sculpt the project to their question of interest, focusing on habitat, behaviour, diet, or the role of relatedness versus environment. This project will allow you to build skills in skull measurements, large data input, R analysis, and written and oral communication

This project can only be conducted as a BIOL 481 project due to the amount of data collection involved.

If you are interested, please contact Dr. Ivy at catherine.ivy@usask.ca and include a brief description of why you are interested in the project. You can find more information about the Ivy Lab [here](#)!