

BIOLOGY 345 – Animal Behaviour (CRN 31129)

Summer 2020

Department of Biology, University of Victoria

Course Description

Evolutionary and comparative analyses of behaviour. Topics include taxonomic diversity of nervous systems, proximate and ultimate mechanisms, nature/nurture controversies, communication and sensory modes, foraging behaviours, mate choice, sociality, and warfare. Laboratory includes observational and experimental approaches to behaviour of representative invertebrate and vertebrate taxa.

Meetings

Lectures: MWR 4:30 – 6:20 PM, online (Zoom)

Labs: MR 6:30 – 9:20 PM, online (Zoom)

Instructor and SLI

Dr. Rossi Marx, Petch 105, 250-721-7089.

Email: zoology@uvic.ca. Office hours (online) by appointment.

Lab Instructors

Lab exercises: Jacqueline Ballantyne, jballant@uvic.ca

Projects: Crows, Gulls, and Squirrels: Leigh Gaffney, lgaffney@uvic.ca

Dogs and Ducks: Kieran Cox, kcox@uvic.ca

Prerequisites

[BIOL 184](#) or BIOL 190B; and [BIOL 186](#) or BIOL 190A; and minimum third-year standing; and either [BIOL 215](#), or declared Honours or Major in Anthropology or declared Honours or Major in Combined Biology and Psychology

Course Materials and Readings

Textbook (optional):

Labs

Hands-on analyses (in a virtual environment) of simple and complex behaviours across a diversity of taxonomic groups including protists, jellies, sea anemones, annelids, molluscs, echinoderms, arthropods, and fish. Includes a field project.

Labs begin Monday, May 11. You will not need to purchase a lab manual (we will post relevant materials).

Lab attendance: You are required to attend all of the scheduled labs in order to fulfill the requirements of this course. If you miss, for any reason, **more than two of the laboratory sessions** you will not have completed the course requirements and you will receive a grade of F in the course. Please consult the 'Laboratory Work' section of the UVic calendar.

Absences due to illness must be supported with documentation from a medical doctor or registered clinical counselor. Absences due to family occasions, other than illness or death, may be considered on an individual basis.

Course Website

Biology 345 has a CourseSpaces website. You may find there lecture and lab notices, test results, and lecture notes. Much of the lecture material will be posted the day following the lecture at the latest.

Please note that any materials posted on CourseSpaces are for course purposes only!

Evaluation

Mid-term exam	(Wednesday, June 03)	20%
Final exam	(Thursday, June 25)	30%
Lab		50%

Grading

Grades are submitted by instructors only as percentages. These will be converted to letter grades by Records, according to the grading scale given in the university calendar.

Please do not ask us to raise your percent grade in order to qualify you for a higher letter grade. We turn down all such requests.

If you do not write the final exam and lack an excuse, or if you do not pass the lab, the grade submitted for you will be an N.

Academic Regulations and Policies

Please read the appropriate section of the current UVic Academic Calendar regarding your rights and obligations. ***It is your responsibility to check your records and registration status; you will***