

A group of ducks, likely Canada ducks, are swimming in a pond. They have dark heads and necks with a prominent white ring around the middle of their necks. The water is calm, and the background is a soft-focus view of trees and foliage.

- **BIOLOGY 329 January 2018**

- **(20345)**

- **Biology of the Vertebrates
of British Columbia**

- **Instructor: Dr. T. E. Reimchen, Office: Cunn 056**
- **Lectures: Tues, Wed, Fri 1330-1420, Cornett A125**
- **Lab. Coordinator: Dr. N. Winchester, Ph. 721-7099
winchest@uvic.ca , Labs: Cunn 228**

Lecture Outline

Major themes

Sampling methodologies and conservation categories

Geological timetable and the origin of the Tetrapods

Amphibians: evolution, life history, biomechanics

BC issues: species diversity, distribution, conservation

Reptiles: evolution and natural history

BC issues: species diversity, distribution, conservation

Birds: evolution, natural history, flight, vision, hearing, foraging

BC issues: species diversity, seabird life histories, raptors, conservation

Mammals: evolution, natural history

BC issues: species diversity, terrestrial predators, Spirit Bear, cetaceans, marine-terrestrial interactions, conservation

Pleistocene glaciations and the post-glacial colonization of BC

Alien vertebrates of BC

- **MARKS**

•	Lecture exams: Mid-term (Feb 9) (multi-choice)	20%
•	Pop quiz, short answer (TBA)	5%
•	Final (TBA) (multi-choice and essay)	25%

Laboratory

Midterm: Biodiversity – written exam (closed book)	5%
Midterm: Identification – open book	20%

Final: Biodiversity – written exam (closed book)	6%
Final: Identification – open book	15%

There will be a series of 5-8 scheduled field trips. 4%

You are expected to participate in all of these trips but are required to participate in a minimum of 2 of these trips.

Note: The lecture material covered in the first part of the course will be examined on the mid-term exam. The lecture covered in the second part of the course will be examined in a quiz and the final exam.

Students not wanting their marks posted using ID# (last 5 digits) should notify me at the beginning of the term. It is the student's responsibility to meet the ADD/DROP dates from the UVic calendar.

Students are responsible for checking their own records and registration status, available via WebView (www.uvic.ca/reco). A supplementary exam is not permitted for those who get less than 50% in the course. Deferred exams will be offered only for medical issues. Students receiving less than 45% on the final lecture exam receive a failing grade for the course.

“UVic is committed to promoting, providing and protecting a supportive and safe learning and working environment for all its members”.

BIOLOGY 329 -LAB SCHEDULE- SPRING 2018

WEEK OF	TOPIC
January 1	NO LABS
January 8	Biodiversity of Birds 1 – Loons-Ducks
January 15	Biodiversity of Birds 2 – Birds of Prey-Cranes
January 22	Biodiversity of Birds 3 – Shorebirds-Alcids
January 29	Biodiversity of Birds 4 – Pigeons-Woodpeckers Biodiversity Midterm Quiz
February 5	Midterm Exam – Identification
February 12	Reading Break – No Labs
February 19	Biodiversity of Birds 5 – Perching Birds Part 1
February 26	Biodiversity of Birds 6 – Perching Birds Part 2
March 5	Biodiversity of Small Mammals
March 12	Biodiversity of Large Mammals and Biodiversity final Quiz
March 19	Final Exam – Identification
March 26	Hand back final exams

NOTE: Amphibians and Reptiles will be a module component in the first 3 labs.

Field Trip Participation:	MARKS
There will be a series of 5-8 scheduled field trips. You are expected to participate in 2 of these trips.	4%
Midterm: Biodiversity Quiz – written exam	5%
Midterm: Identification Exam – open book	20%
Final: Biodiversity Quiz – written exam	6%
Final: Identification Exam – open book	15%
TOTAL	50%