

Lecture Outline

Introduction

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 Bears, cetaceans, marine-terrestrial interactions, conservation

Pleistocene glaciations and the colonization of BC

Alien vertebrates of BC

Overview

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• Lecture exams: Mid-term (Feb 18) (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)	5%
Final: Identification - open book	20%

MARKS

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 2020

WEEK OF	TOPIC	
January 6	NO LABS	
January 13	Biodiversity of Birds 1 – Loons-Ducks	
January 20	Biodiversity of Birds 2 – Birds of Prey-Cranes	
January 27	Biodiversity of Birds 3 – Shorebirds-Alcids	
February 3	Biodiversity of Birds 4 – Pigeons-Woodpeckers	
February 10	Midterm Exam – Quiz and Identification	
February 17	Reading Break – No Labs	
February 24	Biodiversity of Birds 5 – Perching Birds Part 1	
March 2	Biodiversity of Birds 6 – Perching Birds Part 2	
March 9	Biodiversity of Small Mammals	
March 16	Biodiversity of Large Mammals	
March 23	Final Exam – Quiz and Identification	
March 30	NO LABS	
NOTE: Amphibians and Reptiles will be a module component in the first 3 labs		
Field trips, to be announced (no marks)		
IMPORTANT DATES & GRADING SCHEME		
Midterm: Biodiversity Quiz – writ Midterm: Identification Exam – op		
Final: Biodiversity Quiz - writ	ten exam 5%	

20%

50%

Identification Exam - open book

Final:

TOTAL





The course goals are to motivate interest in the diversity of tetrapods in BC. By the end of this course, you should be able to:

- 1)Describe major characteristics of tetrapods and their evolution.
- 2)Understand the major factors influencing the distribution of BC tetrapods.
- 3) Evaluate the impacts of human activities on BC tetrapod life histories.
- 4) Identify to species the tetrapods of BC (major component of lab).