

Ornithology Lecture Topic Outline

January 7		Introduction
January 9	Unit 1	Avian origins
January 14	Unit 2	Avian classification
January 16	Unit 3	Feathers: structure, growth, molt, and plumage
January 21	Unit 4	Flight mechanics
January 23		
January 28	Unit 5	Physiology and adaptation
January 30	Unit 6	Migration and navigation
February 4	Unit 7	Feeding: apparatus and strategy
February 6		Midterm Test (Units 1-6)
February 11	Unit 8	Visual communication
February 13		
February 18/20		Study Week
February 25	Unit 9	Vocal communication
February 27	Unit 10	Social behaviour
March 4		
March 6	Unit 11	Breeding systems
March 11	Unit 12	Reproductive anatomy and physiology
March 13	Unit 13	Nests and parental care
March 18		
March 20	Unit 14	Growth and development
March 25	Unit 15	Demographics: populations and communities
March 27		Final Test (Units 7-15)
April 1/3		No lectures

Ornithology Laboratory Topic Outline

January 6		No lab
January 13		No lab
January 20	Lab 1	Form and function: feathers and flight
January 27		No lab
February 3	Lab 2	Form and function: feeding
February 10		<u>Class discussion</u> : Avian conservation
February 17		<u>Study Week</u>
February 24		No lab
March 3	Lab 3	Form and function: everything else
March 10		No lab
March 17		<u>Lab Exam</u>
March 24		No lab
March 31		No lab (Field notebooks to be handed in*)

* Field notebooks due at 2:30. Please hand in to Don Barnes in CB3015A.

General Information and Marking Scheme

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Technologist:	Don Barnes Office: CB 3014A; Telephone: 343-8490 Email: don.barnes@lakeheadu.ca
Required supplementary notes:	Hughes, J. M. <i>Ornithology Lecture and Lab Manual</i> . Lakehead University Bookstore.
Grading scheme:	

Lab assignment 1	January 20	2%
Lab assignment 2	February 3	2%
Midterm test	February 6	15%
Class discussion	February 10	4%
Point-of-view paper	February 25	10%
Lab assignment 3	March 3	2%
Lab test	March 17	20%
Final test	March 27	25%
Field notebook	March 31	20%

Please note the following:

1. Students taking this course will be required to observe and/or handle bird study skins and skeletons during the laboratory sessions. Those who are uncomfortable with this practice should not register in this course.
2. See "Introduction to Laboratory Sessions" for more information on requirements of field notebook and class discussion.