

COURSE OUTLINE
Entomology – 10397 – Biology 312 – A01

Fall 2023

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Entomology – 10409 – Biology 312 – A01

Fall 2023

Instructor:

Lab Instructor:

Neville Wincheste

BIOL 312, Fall 2023 –

BIOL 312 Tentative Lecture Schedule – Fall 2023

Thurs. Sept. 7	1. Introduction: The importance, diversity, and conservation of insects
Mon. Sept. 11	2. The importance of insects, continued
Thurs. Sept. 14	3. Biodiversity and conservation of insects
Mon. Sept. 18	4. Morphology, Metamorphosis, flight and classification
Thurs. Sept. 21	5. Responses to abiotic conditions, dispersal
Mon. Sept. 25	6. Insects and metapopulation biology
Thurs. Sept. 28	7. Insect Biodiversity of the Nearctic Region
Mon. Oct. 2	No lecture - National Day for Truth and Reconciliation
Thurs. Oct. 5	8. Invasive species and conservation consequences
Mon. Oct. 9	No lecture - Thanksgiving Holiday
Thurs. Oct.12	9. Insects and forests part 1
Mon. Oct.16	10. Insects and forests part 2
Thurs. Oct.19	11. Canopy entomology
Mon. Oct. 23	12. Lecture midterm
Thurs. Oct. 26	13. Insects in an agriculture landscape
Mon. Oct. 30	14. Plant-Insect Interactions – Herbivory
Thurs. Nov. 2	15. Plant-Insect Interactions – Pollination
Mon. Nov. 6	16. Insects as Regulators of Ecosystem Processes
Thurs. Nov. 9	17.

BIOLOGY 312 LAB SCHEDULE, FALL 2023

Dr. Neville Winchester: ecology@uvic.ca

LAB#	WEEK OF	TOPIC
1	Sept. 4	No labs
2	Sept. 11	Lab overview and introduction - Insects and Biodiversity – Ordinal identification
3	Sept. 18	Insect External Anatomy
4	Sept. 25	Aquatic Insect Biodiversity – sampling and curation
	Oct. 2	National Day for T&R - NO FORMAL LABS
	Oct. 9	Thanksgiving – NO FORMAL LABS
5	Oct. 16	Lepidoptera Biodiversity – sampling and curation
6	Oct. 23	Test #1 – Identification
7	Oct. 30	Diptera Biodiversity – sampling and curation
8	Nov. 6	Coleoptera Biodiversity -sampling and curation
	Nov. 13	Reading Break – NO FORMAL LABS
9	Nov. 20	Hymenoptera Biodiversity – sampling and curation
10	Nov. 27	Test #2 – Identification, biodiversity modules
MARKS		
Test #1	15%	
Test #2	25%	
Insect Project	10%	
Total	50%	

