

TIMETABLE FOR SEMESTER I, 2017/2018

LSM3265 – Entomology

Module Coordinator: Dr Ascher, John Stoskopf

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LECTURES: WEDNESDAYS
TIME: 1000 – 1200 hrs
VENUE: LT29

PRACTICALS: TUESDAYS (EVEN)
TIME: 1400 – 1800 hrs
VENUE: LS Lab 7 @ S2 Level 3

Note: Practicals clash with LSM3233 (Even weeks) & alternate LSM3254 (Odd weeks)

WK	MONTH	PRACTICALS	LECTURES
		TUESDAYS – EVEN	WEDNESDAYS
1.	Aug	15	16 Introduction to insects and related arthropods. What is entomology and why is it important?
2.		22* Introduction to insect diversity and morphology	23 External anatomy: cuticle, segmentation, and appendages
3.		29	30 The insect orders and major evolutionary transitions
4.	Sep	5* Basic specimen preparation and identification	6 Internal anatomy and physiology: circulation, respiration, digestion, and reproduction
5.		12	13 Sensory systems and behaviour: responses to mechanical, chemical, and visual stimuli
6.		19* Field Trip 1: Introduction to collecting techniques and sampling methods	20 Reproduction: mating and egg-laying (including alternate strategies)
<i>Recess Week: Sat 23 Sep – Sun 1 Oct 2017 (1 week)</i>			
7.	Oct	3	4 Growth and development: life history patterns, molting, diapause, etc.
8.		10* Advanced specimen preparation and identification	11 Insect classification and biogeography: antiquity, phylogeny, diversity patterns
9.		17	18 Holiday
10.		24* Field Trip 2: More advanced collecting techniques and sampling methods in a different habitat	25 Arthropod predation and parasitism: prey/host location, selection, and manipulation
11.	Oct/Nov	31	1 Insect-plant interactions: herbivory, pollination, and mutualisms

12.		7* Review of insect collections	8 Insect societies: origins, maintenance, and ecological implications
13.		14	15 Insects and human society: understanding and controlling medical, veterinary, and crop pests
	READING PERIOD: Sat 18 Nov to Fri 24 Nov 2017 (1 week)		
	EXAMINATION: Tuesday, 28 November 2017, 5pm		
	VACATION: Sun 10 Dec 2017 to Sun 14 Jan 2018 (5 weeks)		

*Practical Slots

Other Module Coordinator(s):
None