

Course Schedule^{1,2} (Please check Moodle regularly for content and instructions)

Date	Week	Topic	Lecture 1 (Tues 1-2pm, Matthews D)	Lecture 2 (Thurs 9-10am, Matthews D)	Lab exercise (Tues 2-5pm)	Assignments (%): due date
7 March	week 2	Foundations	1. Why study evolution? [MK, RB]	2. How do we know about evolution? [MK]	1. Introduction to assignments	
14 March	week 3	Foundations	3. Overview of basic concepts [MK]	4. Variation and the Darwinian population [MK]	2. Gift giving and taking [MK]	Abstract (10%): 18/03
21 March	week 4	Foundations	5. Heredity 1 [RB]	6. Heredity 2 [RB]	3. Evolution in the field: field exercise [MK]	
Mid-semester break: 25/03 – 03/04						
4 April	week 5	Foundations	7. Plasticity and development [MK]	8. Adaptation [MK]	4. Evolution in the field: presentations [MK]	Evolution in the field assignment (5%): 4/04
11 April	week 6	Life history	9. Why have sex? [RB]	10. Speciation [RB]	5. The tools of evolutionary biology [RB]	
18 April	week 7	Sex, speciation	11. The life history [RB]	12. Why do we age? [RB]	6. Life history and demography	1-page summary (5%): 18/04
25 April	week 8	Phylogenetics	13. How plants shaped our world [NN]	14. Phylogenetic reconstruction [NN]	7. Phylogenetics (G07) [NN]	
2 May	week 9	Coevolution, sex allocation	15. Predation, parasitism, mutualism [MK]	16. Competition, conflict, cooperation [MK]	8. Peer-editing workshop [RB]	Research proposal (30%): 2/05
9 May	week 10	Cooperation, sexual selection	17. Sex allocation and frequency-dependent selection [LS]	18. Sexual selection [RB]	9. Scientific communication and video peer-marking [MK]	5 min video (10%): 9/05
16 May	week 11	Sexual selection	19. Sperm competition [RB]	20. Sexual conflict [RB]	10. Sexual selection [RB]	<u>Instructors</u> Russell Bonduriansky (RB)
23 May	week 12	Human evolution	21. Human evolution: the naked ape [RB]	22. Human evolution: the paradox of mind and culture [RB]	11. Scientific careers workshop [RB]	Michael Kasumovic (MK) Nathalie Nagalingum (NN)
30 May	week 13	Wrapping up	23. Student research: demonstrator talks	24. Synthesis and Review [MK]	12. Discussion: applying evolutionary biology	Lisa Schwanz (LS)

¹ UNSW Virtual Handbook: <http://www.handbook.unsw.edu.au/2016/index.html>

² UNSW Timetable: <http://www.timetable.unsw.edu.au/>