

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

Date	Week	Topic	Lecture 1 (Mon 12-1pm, Colombo A)	Lecture 2 (Wed 3-4pm, Biomed E)	Lab exercise (Tues 2-5pm)	Assignments (%): due date
10 March	week 2	Foundations	1. Why study evolution? [MK]	2. How do we know about evolution? [MK]	1. Introduction to assignments	
17 March	week 3	Foundations	3. Overview of basic concepts [MK]	4. Variation and the Darwinian population [MK]	2. Gift giving and taking (Biosci 402) [MK]	Abstract (10%): 21/03
24 March	week 4	Foundations	5. Heredity [RB]	6. Heredity extended [RB]	3. Evolution in the field: field exercise [MK]	
31 March	week 5	Foundations	7. Plasticity and development [MK]	8. Adaptation [MK]	4. Evolution in the field: presentations [MK]	Evolution in the field assignment (5%): 7/04
7 April	week 6	Life history	9. The life history [RB]	10. Why do we age? [RB]	5. Life history and demography	
14 April	week 7	Sex, speciation	11. Why have sex? [RB]	12. Speciation [RB]	6. The tools of evolutionary biology (Biosci 402) [RB]	1-page summary (5%): 18/04
21 April	NO CLASSES!					
28 April	week 8	Phylogenetics	13. How plants shaped our world [NN]	14. Phylogenetic reconstruction [NN]	7. Phylogenetics (Location TBA) [NN]	
5 May	week 9	Coevolution, sex allocation	15. Predation, parasitism, mutualism [MK]	16. Sex allocation and frequency-dependent selection [LS]	8. Peer-editing workshop (Biosci 402) [RB]	Major Paper (30%): 9/05 Seminar (10%): 12/05
12 May	week 10	Cooperation, sexual selection	17. Competition, conflict, cooperation [MK]	18. Sexual selection [AC]	9. Student seminars (Biomed D) [MK, RB]	
19 May	week 11	Sexual selection	19. Sperm/egg competition [AC]	20. Sexual conflict [RB]	10. Student seminars (Location TBA) [MK, RB]	Instructors: Michael Kasumovic (MK) Russell Bonduriansky (RB) Nathalie Nagalingum (NN) Angela Crean (AC)
26 May	week 12	Human evolution	21. Human evolution: the naked ape [RB]	22. Human evolution: the paradox of mind and culture [RB]	11. Sexual selection (Biosci 402) [RB]	
2 June	week 13	Wrapping up	23. Student research: demonstrator talks	24. Synthesis and Review [MK, RB]	12. Group discussions (Biomed D) [MK, RB]	

¹ UNSW Virtual Handbook: <http://www.handbook.unsw.edu.au/2014/index.html>

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