

Readings for BIO665, Evolution

The assigned readings from *Evolutionary Analysis*, 2nd ed. (Freeman and Herron 2001) are listed below. Read the assigned sections of the text *before* the class period for which it is assigned. Unless otherwise noted, read from the first subheading on the beginning page to the last subheading on the ending page, including all figures and boxes *referred to* in the text.

Readings assigned for discussions are also listed below, with links to the articles (also available on the course website).

The study questions listed below will help you apply concepts from the reading and are a good resource for preparing for exams. Please note, that exams may also cover information or concepts from the readings that are not covered explicitly in the study questions or in lecture. The chapter summaries, though not required reading, will help you review the most important concepts from the readings.

Optional readings include topics of general interest, but will not be tested. Please note that the textbook, including sections that are not assigned, will be an excellent resource for coming up with ideas for your research proposal.

Date	Assigned reading from textbook	Study questions	Optional reading
Jan 6	<i>none</i>		
Jan 8	Ch.1: pp.3-9	p.18 #2	
Jan 10	Ch.1: pp.12-14, 17 (<i>from</i> "What...")	p.18 #6	
Jan 13	Ch.2: pp.21-32	pp.44-45 #1, 4-6	
Jan 15	Ch.2: pp.32-36 (<i>from</i> "Evidence...")		
Jan 17	Discussion reading: The Panda's Thumb		
Jan 20	<i>no class</i>		
Jan 22	Ch.3: pp.47-56	pp.70-71 #1,2,4	
Jan 24	Ch.3: pp.57-65	p.71 #5	Ch.3: pp.65-70
Jan 27	Ch.7: pp.224-233 (<i>omit</i> Box 7.6)	p.247 #8,9	
Jan 29	Ch.7: pp.234-237, 241-245	p.247 #10	Ch.7: pp.237-241
Jan 31	Discussion reading: Grant & Grant 1995		
Feb 3	Ch.9: 289-299, 302-307, 317-319	pp.325-237 #1,3,5-8	Ch.9: 322-324
Feb 5	Ch.8: pp.251-255 (<i>to</i> "8.2..."), 268-283	pp.284-285 #4,6-8, 10, 11	Ch.8: pp.255-268, 283
Feb 7	Ch.11: pp.359-375	p.396-397 #1-5	Box 11.1
Feb 10	Ch.10: pp.331-337, 345-353; Ch.11: pp.389-390	pp.355-356 #1-7,10	Ch.10: pp.337-344
Feb 12	Ch.11: pp.386-389; Ch.18: pp.623-627; Ch.19: p.670		
Feb 14	<i>none</i>		

Date	Assigned reading from textbook	Study questions	Optional reading
Feb 17	<i>none</i> (Exam 1)		
Feb 19	Ch.4: pp.94-102	p.105 #8	Box 4.1
Feb 21	Discussion reading: Hosken et al. 2002		
Feb 24	Ch.5: pp.109-119	p.150 #1-3	
Feb 26	Ch.5: pp.119-138 (<i>omit all Boxes</i>)	p.151 #7,8	Ch.5: pp.140-142
Feb 28	Ch.4: pp.80-84; Ch.5: pp.142-149 (<i>omit Box 5.10</i>)	p.104 #2,3; p.151 #5, 6	
Mar 3	Ch.6: pp.163-178 (<i>omit Box 6.5</i>)	p.192 #4	
Mar 5	Ch.6: pp.157-163, 179-183	p.191-193 #1,5-7,9	Ch.6: 155-157, 188-191
Mar 7	Discussion reading: Cooper et al. 2002		
Mar 10- 14	<i>Spring break; no class</i>		
Mar 17	Ch.7: pp.213-224 (<i>to “7.3...”</i>)	p.246 #5-7	
Mar 19	Ch.4: pp.85-88; Ch.18: pp.611-623	p.105 #6; p.636 #1-7	
Mar 21	Ch.1: pp.10-12; Ch.19: pp.639-655	p.18 #3,4; p.678 #3, 10	Ch.19: pp.659-669
Mar 24	<i>none</i>		
Mar 26	<i>none</i> (Exam 2)		
Mar 28	Ch.12: pp.403-414 (<i>to “12.3...”</i>)	p.432 #1-4,8	
Mar 31	Ch.12: pp.414-423	pp.432-433 #5,6	
Apr 2	Ch.13: pp.437-446 (<i>to “Searching...”</i>)	pp.460-462 #1,4,6,8	
Apr 4	Discussion readings: Irwin et al. 2002, Wake 2002		
Apr 7	Ch.13: pp.450-453 (<i>from “13.3...”</i>), 456-459	pp.461 #2	
Apr 9	Ch.14: pp. 487-492, 498-500; Ch.15: pp.511-516, 520-521 (<i>to “15.3...”</i>)	p.502 #9,10; p.543-544 #4	Ch.14: pp.477-487
Apr 11	Ch.17: pp.587-594, 606	p.607 #3,5,6	
Apr 14	Ch.15: pp.521-536 (<i>to “15.5...”</i>)	p.544 #6-8	Ch.15: pp.536-543
Apr 16	<i>none</i>		
Apr 18	<i>no class</i>		
Apr 21	Ch.16: pp.549-552, 554-558, 563-572	p.580 #1-5,7-10	Ch.16: pp.572-589
Apr 23	Ch.3: pp.65-70 (<i>from “3.5...”</i>); Ch.19: 669-677 (<i>omit Box 19.2</i>)	p.70 #7; p.678 #7-9	Ch.5: pp.140-142; Ch.7: pp.237-241
Apr 25	Discussion readings: Oppressed by Evolution and Nonoverlapping Magisteria plus <i>either</i> Reading Nature’s Tea Leaves <i>or</i> From Both Sides Now		The Real Truth about the Female Body; Intelligent Design?
Apr 28	<i>none</i>		