

Evolutionary Biology - Tutorial Schedule

You will find these papers in the library, I hope. I have some of these in pdf format, which you can download at your leisure. If you scan or find pdf versions of the rest, feel free to reciprocate the favour. Some are long, some are short; all are thought-provoking.

Date	Readings
Week 1 – January 2	Cancelled
Week 2 – January 9	Futuyma, D. J. 1983. Science on trial. The case for evolution, pp 197-228 Darwin, 1859. The origin of the species. Recapitulation and conclusion Gould, S. J. 1980. Hen's teeth and horses toes. Evolution as fact and theory
Week 3 – January 16	Ganetzky, B. 2000. Tracking down a cheating gene, Am. Sci. 88: 128-135. Williams, G. C., 1966. Adaptation and natural selection. pp. 20-31
Week 4 – January 23	Gould S. J. and Lewontin, R. C. 1979. The spandrels of San Marco and the Panglossian paradigm: a critique of the adaptationism programme. PRSLB 205-581-598 Queller, D. C . 1995. The spaniels of St. Marx and the Panglossian paradox: a critique of a rhetorical programme. QRB 70: 485-489.
Week 5 – January 30	Pinker, S. 1997. How the mind works. Chapter 7. Family values. Pp. 426-520.
Week 6 – February 6	Plutchik, R. 2001. The nature of emotions. Am. Sci. 89: 334-350 Amlen, S. T., Wrege, P. H., and Demonf, N. J. 1995. Making decisions in the family: an evolutionary perspective. Am. Sci. 83: 148-157.
Week 7 – February 13	No Classes
Week 8 – February 20	Amabile-Cuevas, C. F. 2003. New antibiotics and new disease resistance. Am. Sci. 91: 138-149 Webster, R. G. and Walker, E. J. 2003. Influenza. Am. Sci. 91: 122-129.
Week 9 – February 27	Grant, P. R. 1981. Speciation and the adaptive radiation of Darwin's finches. Am. Sci. 69: 653-663. Grant, P. R. and Grant, B. R. 2002. Adaptive radiation of Darwin's finches. Am. Sci. 90: 130-139.
Week 10 – March 6	Eldredge, N. and Gould, S. J. 1972. Punctuated equilibria: an alternative to phyletic gradualism. In, Schopf, T. J. M. (ed.) Models in Paleobiology pp 112-115 Dawkins. R. 1986. The blind watchmaker. Chapter 9. Puncturing punctuationism. pp. 223-252. Longman Scientific and Technical. Essex.
Week 11– March 13	Felsestein, J. 1985. Phylogenies and the comparative method. Am. Nat. 125: 1-15.
Week 12 – March 20	Cancelled – religious holiday.
Week 13 – March 27	deDuve, C. 1995. The beginnings of life on earth. Am. Sci. 83: 428-437. Lazcano, A. and Miller, S. I. 1996. The origin and early evolution of life: prebiotic chemistry, the Pre-RNA world, and time. Cell 85: 793-798.
Week 14 – April 3	Morey, D. F. 1995. The early evolution of the domestic dog. <i>In</i> Slatkin, M. Exploring evolutionary biology: readings from American scientist. QH 3662.2.E96. Stanford, C. B. 1995. Chimpanzee hunting behaviour and human evolution. Am. Sci. 83: 256-261.
