

BIO 471 Lecture Schedule
Spring 2011 (first half of course)

<i>Date</i>	<i>Lecture # (Lecturer)</i>	<i>Lecture</i>	<i>Reading</i>
Jan. 11		No class: INCLEMENT WEATHER	
Jan. 13	1 (D)	What is Evolutionary Biology?	Blackboard
Jan. 18	2 (D)	Darwinian Natural Selection	Blackboard
Jan. 20	3 (D)	Evolution of the Earth	Blackboard
Jan. 25	4 (D)	The Origin and Early Evolution of Life	pp. 73-77; 101-107; Blackboard
Jan. 27	5 (D)	Key Events in Phanerozoic Evolution	pp. 108-130
Feb. 1	6 (D)	Evolution of Biodiversity	Ch. 7
Feb. 3		Exam 1 <i>(covering lecture material and reading assignments from Lecture 1 up to and including Lecture 6)</i>	
Feb. 8	7 (D)	Species	Ch. 17
Feb. 10	8 (D)	Darwin's Life and Times <i>(We will also celebrate Darwin's Birthday)</i>	Ch. 1
Feb. 15	9 (D)	Speciation	Ch. 18
Feb. 17	10 (D)	Coevolution	Ch. 19
Feb. 22	11 (D)	Conflict and Cooperation	Ch. 16; Blackboard
Feb. 24	12 (D)	Evolution and Development <i>(We will also conduct course evaluations for the first halve of the course)</i>	Ch. 21
Mar. 1		Exam 2 <i>(covering lecture material and reading assignments from Lecture 7 up to and including Lecture 12)</i>	

BIO 471 Lecture Schedule
Spring 2011 (second half of course)

<i>Date</i>	<i>Lecture # (Lecturer)</i>	<i>Lecture</i>	<i>Reading</i>
Mar. 3	14 (J)	Mutation and Genetic Variation	pp. 187-200; pp. 215-232
Mar. 8,10		No class: SPRING BREAK	
Mar. 15	15 (J)	Natural Selection <i>Evoeaker lab: Sickle cell</i>	Ch. 12
Mar. 17	16 (J)	Genetic Drift	pp. 255-266
Mar. 22	17 (J)	Molecular Evolution & Molecular Clocks <i>Evoeaker lab: HIV Clock</i>	pp. 266-276
Mar. 24	18 (J)	Evolution and Human Health	
Mar. 29	19 (J)	Reconstructing Phylogenies <i>Evoeaker lab: Flowers & Trees</i>	Ch. 2
Mar. 31		Clean-up day <i>(turn in all three Evoeaker labs and on-line quizzes)</i>	
Apr. 5	20 (J)	Evolution of Hominids	Blackboard
Apr. 7	21 (J)	Evolution of <i>Homo sapiens</i>	Blackboard
Apr. 12	22 (J)	Evolution of Genes and Genomes	Ch. 19
Apr. 14	23 (J)	Genetics of Quantitative Traits	pp. 236-241
Apr. 19	24 (J)	Evolution of Quantitative Traits	pp. 337-356
Apr. 21	25 (J)	Sex and Sexual Selection	Ch. 15
Apr. 26	26 (J)	Evolution and Environmental Change	Blackboard
May 3 (TUES) 8:00 AM		Exam 3 <i>(covering lecture material and reading assignments from Lecture 14 up to and including Lecture 26)</i>	