BIOLOGY 355 – EVOLUTION

A01 (10329) Fall 2015

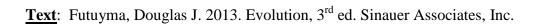
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Lectures: ECS 116 Monday and Thursday, 8:30-9:50 am

LECTURE SCHEDULE

Date		Lecture Topic	<u>Chapter in Text</u>
Sept 10	1	A brief history of evolution	1
Sept 14	2	Variation in populations (John Taylor)	9
Sept 17	3	Variation and selection (John Taylor)	9
Sept 21	4	The origins of genetic variation	8
Sept 24	5	Genetic drift & gene flow	10
Sept 28	6	Natural selection I	11,12
Oct 1	7	Natural selection II	11,12
Oct 5	8	Phylogenetics I	2
Oct 8	9	Phylogenetics II	2
Oct 12		THANKSGIVING	
Oct 15	10	Biogeography	6
Oct 19	11	Quantitative traits	13
Oct 22		MIDTERM EXAM	
Oct 26	12	Life history evolution	14
Oct 29	13	Evolution of sexual reproduction	15
Nov 2	14	Sex ratios, sexual selection	15
Nov 5	15	Evolution of social behaviour	16
Nov 9		READING BREAK	
Nov 12	16	Species & hybridization	17
Nov 16	17	Speciation	18
Nov 19	18	Coevolution	19
Nov 23	19	Molecular evolution I	20
Nov 26	20	Molecular evolution II	20
Nov 30	21	Evolution and development I	21
Dec 3	22	Evolution and development II	21



GRADING FOR THIS COURSE:

WRITTEN ASSIGNMENTS/EXERCISES			
MIDTERM EXAM (October 22) 35%	Ď		
FINAL EXAM (December exam period) 40%	Ď		

Assignment of letter grades (see UVic Undergraduate Calendar): A+ (90.0-100.0%), A (85.0-89.9%), A- (80.0-84.9%), B+ (77.0-79.9%), B (73.0-76.9%), B- (70.0-72.9%), C+ (65.0-69.9%), C (60.0-64.9%), D (50.0-59.9%), F (0-49.9%), N (failure to complete one or more of the following: research report, mid-term exam, final exam).

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