

INTRODUCTION TO ECOLOGY & EVOLUTION**11:216:101****2018 SYLLABUS***

Date	Lecture	TOPICS
1/18	1	Introduction
1/22	2	Evolution – Charles Darwin & Alfred Wallace
1/25	3	Natural Selection I
1/29	4	Natural Selection II
2/1	5	Evolutionary Mechanisms I
2/5	6	Evolutionary Mechanisms II
2/8	7	Phylogenetic Trees
2/12	8	Experimental Evolution
2/15	9	Evolution of Plants Domestication
2/19	10	Evolution of Homo sapiens
2/22	EXAM 1 (Lecture 2-9)	
2/26	11	Natural Selection – Homo sapiens I
3/1	12	Natural Selection – Homo sapiens II
3/5	13	Population Ecology
3/8	14	Population Growth
	SPRING BREAK	
3/19	15	Intraspecific Effects: Density-dependent & -independent effects
3/22	16	Community Ecology
3/26	17	Interspecific Competition
3/29	18	Symbiosis & Mimicry
4/2	EXAM 2 (Lecture 10-17)	
4/5	19	Food Webs
4/9	20	Movement of Carbon in Ecosystems
4/12	21	Global Climate Change I
4/16	22	Global Climate Change II
4/19	23	Landscape Ecology
4/23	24	Global Ecology
4/26	25	Conservation Ecology
4/30	26	TBA
5/8	EXAM 3 (Lecture 18-25) 8:00-9:20 PM	

*Lecture topics are subject to change