

Syllabus for Biology 215 - 2020

Introduction to Ecology and Evolution Day: Time

TTh 1005-1125

Note: Lecture topics subject to change

Prof. Abouheif, Sunday, and Price

Room

REMOTE

Textbooks:

Ecology: The experimental analysis of distribution and abundance CJ Krebs 2009

Evolution: Principles and processes BK Hall 2011

Week	Date	Day	Lecture #	Lecturer	Tentative Topic
1	September 3, 2020	Thursday	1	Price 1	Course Intro
2	September 8, 2020	Tuesday	2	Price 2	Origin of Life
	September 10, 2020	Thursday	3	Price 3	Nature of Early Life
3	September 15, 2020	Tuesday	4	Price 4	Modern Diversity 1
	September 17, 2020	Thursday	5	Abouheif 1	Multicellularity
4	September 22, 2020	Tuesday	6	Abouheif 2	Radiation
	September 24, 2020	Thursday	7	Abouheif 3	Modern Diversity 2
5	September 29, 2020	Tuesday	8	Abouheif 4	Speciation
	October 1, 2020	Thursday	9	Abouheif 5	Microevolution 1
6	October 6, 2020	Tuesday	10	Abouheif 6	Microevolution 2
	October 8, 2020	Thursday	11	Abouheif 7	Macroevolution 1
7	October 12, 2020	Monday		THANKSGIVING DAY NO CLASSES	
	October 13, 2020	Tuesday	12	Abouheif 8	Macroevolution 2
	October 15, 2020	Thursday	13	Price 5	Population parameters
8	October 20, 2020	Tuesday	14	Price 6	Population growth
	October 22, 2020	Thursday	15	Price 7	Competition
9	October 27, 2020	Tuesday	16	Price 8	Predation
	October 29, 2020	Thursday	17	Sunday 1	Succession
10	November 3, 2020	Tuesday	18	Sunday 2	Biodiversity
	November 5, 2020	Thursday	19	Sunday 3	Community dynamics
11	November 10, 2020	Tuesday	20	Sunday 4	Non-equilibria
	November 12, 2020	Thursday	21	Sunday 5	Geographic Distribution
12	November 17, 2020	Tuesday	22	Sunday 6	Primary Productivity
	November 19, 2020	Thursday	23	Sunday 7	Secondary Production
13	November 24, 2020	Tuesday	24	Sunday 8	Nutrient Cycling
	November 26, 2020	Thursday	25	Price 9	Carbon Cycle
14	December 1, 2020	Tuesday	26	Price 10	Global Change
	December 7, 2020	Monday		END OF TERM	
	December 8, 2020	Tuesday		EXAM PERIOD BEGINS	
	December 22, 2020	Tuesday		EXAM PERIOD ENDS	