

Schedule for Natural History (BIOL 100), Fall 2021 **DRAFT: AUG 10, 2021**

Week	Field Trips	Date	Day		Lecture Topic
1		8/24	Tue		Introduction to the course, What is natural history/ecology?
		8/26	Thu		Levels of organization, Biomes of the world, Climate and weather
2	OPTIONAL: Seals and sea lions in La Jolla - <i>not</i>	8/31	Tue		Physical Environment: Geomorphology
		9/2	Thu		Geomorphology - why it matters in our region
3		9/7	Tue	Exam 1	Physical Environment: soils, soil conservation
		9/9	Thu		Global Biomes - an overview
4	Field Trip to Soledad Mountain & Tourmaline	9/14	Tue		Local ecosystems - an overview
		9/16	Thu		Biodiversity: What is it? Island biogeography
5		9/21	Tue	Exam 2	Types of Animals
		9/23	Thu		Types of Animals
6		9/28	Tue		Types of Plants
		9/30	Thu		Protists, fungi, bacteria, and other life
7	Field Trip to Mile of Birds	10/5	Tue	Exam 3	Evolution
		10/7	Thu		Evolution
8		10/12	Tue		Animal behavior
		10/14	Thu		Population Ecology, Human populations, Environmental Justice
9		10/19	Tue	Exam 4	Community Ecology
		10/21	Thu		Community Ecology / Ecosystems
10	Field Trip to Mission Trails Regional Park	10/26	Tue		Ecosystems / Climate Change
		10/28	Thu		Climate change
11		11/2	Tue	Exam 5	Local Ecosystems: Shrublands
		11/4	Thu		Local Ecosystems: Grasslands
12		11/9	Tue		Local Ecosystems: Deserts
		11/11	Thu		HOLIDAY (no class) Veterans Day
13	Field Trip to South Bay	11/16	Tue		Local Ecosystems: Freshwater Ecosystems
		11/18	Thu	Exam 6	Local Ecosystems: Estuaries
14		11/23	Tue		HOLIDAY (no class) Thanksgiving Break
		11/25	Thu		HOLIDAY (no class) Thanksgiving Break
15		11/30	Tue		Local Ecosystems: Sandy and rocky shores
	Field Trip to Tourmaline Surf Park Tidenpools(-1.0)	12/2	Thu		Local Ecosystems: Nearshore environments
16	Field Trip to Tourmaline Surf Park Tidenpools(-1.1)	12/7	Tue	Exam 7	Local Ecosystems: Open Ocean
		12/9	Thu		Local Ecosystems: Deep Ocean
17		12/14	Tue		Ocean conservation
		12/16	Thu	Exam 8	DID YOU RETURN YOUR LAB KIT?