

The Natural History of Dinosaurs (BIO/ESS 065)

:: Schedule, Spring 2021

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Please note that the schedule is subject to change at any time. Check back frequently for updates!

M = Monday

W = Wednesday

F = Friday

L = Lecture H = Homework

D = Discussion

Wk	Date	Lect/Disc_#	Lecture_Topic	Description	Required Readings
1	1/20	(W-L1)	Introduction	Paleontology and fossils	Fast. Ch. 1,2
			No Disc	No Discussion section	
2	1/25	(M-L2)	Evolution 1	Natural selection	Fast. Chp. 3
	1/27	(W-L3)	Evolution 2	Cladistics	
	1/29	F-H1	Homework		
		D1	Disc 1	Paleontology and Sedimentology	Sed. work-sheet{:target="_blank"}
3	2/1	(M-L4)	Early life	Cambrian through Devonian	Fast. Chp. 4
	2/3	(W-L5)	Early life	Devonian through Permian	
		D2	Disc 2	Cladistics	Cladistics work-sheet{:target="_blank"}

Wk	Date	Lect/Disc_#	Lecture_Topic	Description	Required Readings
4	2/8	(M-L6)	Dinosaurs	Basal dinosaurs	Fast. Part II, Chp. 5
	2/10	(W-L7)	Thyreophorans	Stegosaurs	Fast. Chp. 10
	2/12	F-H2 D3	Homework Disc 3	Anatomy	Anatomy work-sheet{:target="_blank"}
5	2/15	M 2/17	No Class	Exam I	
6	2/22	(M-L8)	Thyreophorans	Ankylos	Fast. Chp. 10
	2/24	(M-L9)	Marginocephalia	Pachys	Fast. Chp. 11
		D4	Disc 4	Cladistics 2	Cladistics 2 work-sheet{:target="_blank"}
7	3/1	(M-L10)	Marginocephalia	Ceratops	Fast. Chp. 11
	3/3	(W-L11)	Ornithopods		Fast. Chp. 12
	3/5	F-H3 D5	Homework Disc 5	Thermoregulation	Reading 1{:target="_blank"} & 2{:target="_blank"}; Supp 1{:target="_blank"} & 2{:target="_blank"}
8	3/8	(M-L12)	Sauropods 1		Fast. Part III, Chp. 8
	3/10	(W-L13)	Sauropods 2		
	3/12	F-H4 D6	Homework Disc 6	Dinosaur Wars	Not in book{:target="_blank"}
9	3/15 3/17	(M-L14) W D7	Review Exam II Disc 7		

Wk	Date	Lect/Disc_#	Lecture_Topic	Description	Required Readings
10	3/22	(M-No Class)	Spring Break		
	3/24	(W-No Class)	Spring Break		
		No Disc			
11	3/29	(M-L15)	Metabolism		Fast. Chp. 13
	3/31	(W-L16)	Theropods 1		Fast. Chp. 6
		D8	Disc 8		
12	4/5	(M-L17)	Theropods 2		Fast. Chp. 7
	4/7	(W-L18)	Theropods 3		
		D9	Disc 9	Schroeder et al. paper{:target="_blank"}	
13	4/12	(M-L19)	Theropods 4		
	4/14	W	Exam III		
	4/15	R-H5	Homework		
		D10	Disc 10	Origin of Birds{:target="_blank"}	Not in person{:target="_blank"}
14	4/19	(M-L20)	Origin of Birds		Fast. Chp. 8
	4/21	(W-L21)	Flying Reptiles		TBD
		D11	Disc 11	Origin of Birds Discussion{:target="_blank"}	Worksheet{:target="_blank"}
15	4/26	(M-L22)	Swimming Reptiles		
	4/28	(W-L23)	Mesozoic World		Fast. Chp. 15
	4/30	F-H6	Homework		Motani 2009{:target="_blank"}
		D12	Disc 12		
16	5/3	(M-L24)	Mammals		
	5/5	(W-L23)	Extinction		
		D13	Disc 13		
	5/8	Sat.	FINAL EXAM	Comprehensive (8-11AM)	