

HISTORICAL GEOLOGY**H. WILLIAMS****Geology 3020 – Fall 2023**

DATE	TOPICS	TEXT READINGS
Aug. 22	Introduction	Ch. 1
24	Stratigraphic principles	Ch. 2
29	Sedimentary environments	Ch. 5
31	Lab exercise 1 – Stratigraphy and sedimentary environments.	
Sept. 5	The fossil record	Ch. 6
7	The geologic timescale	Ch. 3
12	Lab exercise 2 – Geologic maps and paleoenvironments	
14	EXAM 1	
19	Structure of the earth, orogenesis	Ch. 7
21	Precambrian geology	Ch. 8
26	Early life	Ch. 8, 9
28	Lab exercise 3 – Precambrian Life	
Oct. 3	Early Paleozoic geology I	Ch. 10
5	Lab exercise 4 - Building Bodies (video)	
10	Early Paleozoic geology II	Ch. 10
12	EXAM II	
17	Lab exercise 5 - Early Paleozoic life	Ch. 12
19	Late Paleozoic geology I	Ch. 11
24	Late Paleozoic geology II	Ch. 11
26	Lab exercise 6 - Late Paleozoic life	Ch. 12
31	Early Mesozoic geology	Ch. 13
Nov. 2	Late Mesozoic geology	Ch. 13
7	Mesozoic life	Ch. 14
9	EXAM III	
11	FIELD TRIP SATURDAY NOV. 11	
14	Lab exercise 7 - Mesozoic life	Ch. 14
16	Cenozoic geology	Ch. 15
21	THANKSGIVING – NO CLASS	
23	THANKSGIVING – NO CLASS	
28	Cenozoic life	Ch. 16
30	Lab exercise 8 - Cenozoic life	
Dec. 5	Human origins	Ch. 17
7	Review, Q&A session, (optional). Projects due noon today.	
14	FINAL EXAM Thursday December 14, 8am-10am.	