

HISTORICAL GEOLOGY**H. WILLIAMS****Geology 3020 – Fall 2024**

DATE	TOPICS	TEXT READINGS
Aug. 20	Introduction	Ch. 1
22	Stratigraphic principles	Ch. 2
27	Sedimentary environments	Ch. 5
29	Lab exercise 1 – Stratigraphy and sedimentary environments.	
Sept. 3	The fossil record	Ch. 6
5	The geologic timescale	Ch. 3
10	Lab exercise 2 – Geologic maps and paleoenvironments	
12	EXAM 1	
17	Structure of the earth, orogenesis	Ch. 7
19	Precambrian geology	Ch. 8
24	Early life	Ch. 8, 9
26	Lab exercise 3 – Precambrian Life	
Oct. 1	Early Paleozoic geology I	Ch. 10
3	Lab exercise 4 - Building Bodies (video)	
8	Early Paleozoic geology II	Ch. 10
10	EXAM II	
15	Lab exercise 5 - Early Paleozoic life	Ch. 12
17	Late Paleozoic geology I	Ch. 11
22	Late Paleozoic geology II	Ch. 11
24	Lab exercise 6 - Late Paleozoic life	Ch. 12
29	Early Mesozoic geology	Ch. 13
31	Late Mesozoic geology	Ch. 13
Nov. 5	Mesozoic life	Ch. 14
7	EXAM III	
9	FIELD TRIP SATURDAY NOV. 9 ALL DAY.	
12	Lab exercise 7 - Mesozoic life	Ch. 14
14	Cenozoic geology	Ch. 15
19	Cenozoic life	Ch. 16
21	Lab exercise 8 - Cenozoic life	
26	THANKSGIVING – NO CLASS	
28	THANKSGIVING – NO CLASS	
Dec. 3	Human origins	Ch. 17
5	Review, Q&A session, (optional). Projects due today.	
12	FINAL EXAM, Thursday Dec. 12, 8-10 am.	