

WEEKLY SCHEDULE* (version 8/25)

Class Topics, Required Readings, and Labs

*Note: These topics and readings are subject to change! Students will be advised of updates to the schedule on Carmen, and should follow the version with most current date.

For weekly text readings, chapters (units) are listed for the two texts, abbreviated as:

DeB = DeBlij or Mason et al., *Physical Geography* (4e or 5e)

R = Ritter, *The Physical Environment* (online)

Wk	Topic	Lecture	Date	Friday Lab	Text
1	Course Introduction	1. Introduction & expectations	T 8/23	Location, Time & Seasons on Earth	DeB 1,2 R 1
		2. Earth orientation: systems, cosmic home, dimensions, location	R 8/25		
2	Introduction to Earth's physical environment	3. The Earth-Sun system	T 8/30	Map Reading	DeB 3-5 R 2,4
		4. Radiation, temperature & balance	R 9/1		
3	Earth dimensions and source of energy	5. Atmosphere and moisture	T 9/6	Observing weather	DeB 6-8 R 3,5,7
		6. Temperature distribution	R 9/8		
4	Atmosphere & weather	7. Winds & atmospheric circulation	T 9/13	Circulation Patterns	DeB 9,11,12 R 6,7,8
		8. From weather systems to climate	R 9/15		
5	Weather to Climate	9. Cyclones to climate change	T 9/20	Climate zones	DeB 13,18,19 R 8,9
		10. Climate change	R 9/22		
6	Climatology, Climate Change	MIDTERM EXAM 1	T 9/27	Field trip 10/2: Byrd Polar Res Cntr	DeB 14-17 R 9
		11. Climate zones	R 9/29		
7	Biogeography	12. Biogeographic processes	T 10/4	Biomes & Invasives	DeB 20,24-26,38 R 12, 13
		13. Biomes	R 10/6		
8	Water & Rock cycles	14. Water on Earth & resources	T 10/11	No lab (AU break)	DeB Part 5 R 10, 14-16
		15. Crustal composition & internal Earth Structure	R 10/13		
9	Weathering processes	16. Plate tectonics & rock cycle	T 10/18	Olentangy flood	DeB 31-37 R 17
		17. Internal processes to weathering erosion	R 10/20		
10	Soils	18. Soils & biogeochemistry	T 10/25	Rock cycle & mass wasting	DeB 20-23 R 11,17
		MIDTERM EXAM 2	R 10/27		
11	Geomorphology	19. Landforms introduction	T 11/1	Ohio agroecosystem	DeB 35,39,47,50 R 16,18
		20. Overview of fluvial process and physiographic realms	R 11/3		
12	Glaciation	21. Ice Ages	T 11/8	No lab Veterans' Day	DeB 43-46; R 19 R 19
			R 11/10		
13	Landscapes of glaciers & rivers	22. Glacial modification of landscape	T 11/15	Map skills 2: Aerial photos & landforms	DeB 40-42, 47 R 18
		23. Landscapes shaped by rivers	R 11/17		
14	Caves & arid lands	MIDTERM EXAM 3	T 11/22	No lab Columbus Day	DeB 10, 48 R 20
		NO CLASS (Happy Thanksgiving!)	R 11/24		
15	Oceans & coastal processes	24. Karst & eolian landscapes	T 11/29	Map skills 2 (cont.)	DeB 10,48,49 R 21
		25. Oceans & coastal landforms	R 12/1		
16	Wrapping up	26. REVIEW	T 12/6		

FINAL EXAM: Monday Dec 12 12:00pm-1:45pm: same room as lecture (235 Stillman Hall)