	Торіс	Lecture format	ACTIVITY	PRODUCT (@ approx deadlines)
MODULE i ::	:: GETTING STARTED, COURSE BUSINESS			
Week 1	Course Overview and Soils Intro	1	r	
31-Aug	What is this course about? What are the requirements and expectations?	In class	online learning best practices; how to read a scientific paper	
			how to find a "good" scientific	
2-Sep	Soil as a habitat for organisms	In class	paper; group accountability and	
2.000		in class	contracto	
		•	•	
MODULE 1	::: SOIL ORGANISMS - BIODIVERSITY & MET	THODS		
Week 2				
7-Sep	LABOR DAY - NO CLASS			
	Soil biota; research teams/proposal			
9-Sep	overview	In class	Discuss paper	
	•			
Week 3				
	Spatial and temporal distribution of soil			
14-Sep	organisms	In class	BYOP #1 (methods)	update annotated bibliography daily
16-Sep	Methods in Soil Ecology	none	BYOP #1 (methods)	update annotated bibliography daily
Week 4				
21-Sep	Methods in Soil Ecology	none	BYOP #1 Synthesis	update annotated bibliography daily
				group ::: methods assignment due
				(Wed 11:59pm) individual ::: annotated
23-Sep	Methods in Soil Ecology	none	BYOP #1 presentations	bibliography
ONLINE	Application of -omics tools in Soil Ecology	out of class		
Week 5			•	
28-Sep	Soil biodiversity	In class	discuss paper	
	Factors affecting soil organism growth		growth and activity in-class	
30-Sep	and activity	In class	activity	individual ::: turn in by Wed 11:59 pm
Week 6			•	
	Growth and activity continued; microbial			
5-Oct	energetics, assembly	In class	redox in class activity	individual ::: turn in by Wed 11:59 pm
	EXAM REVIEW &			
	Launchpad into Discovery/exploration			
	modules - Assembly considering biotic			
7-Oct	and abiotic interactions, random factors	none	START OF BYOP PROJECT # 2	
Week 7				
12-Oct	Midterm exam		MIDTERM	MIDTERM
MODULE 2	::: WHAT FACTORS AFFECT "WHO'S THERE?	2		
14-Oct		none	BYOP #2 ::: discuss	update annotated bibliography daily
Week 8		1		
19-Oct		none	BYOP #2 ::: discuss	update annotated bibliography daily
			DV00 #2	Synthesis document draft due Wed
21-Oct		none	BYOP #2 ::: synthesize	11:59 pm
Week 9				
				Peer review (prepare before class,
26.0.1			BYOP #2 ::: peer review &	perform during class, assessment due
∠b-U¢t		none	renne	NOD assignment #2 due to 144 55
		none	BVOB #2 ··· finaliza producto	broP assignment #2 due Wed 11:59
28-0ct			$\mu_{1} \cup (\pi_{2} \dots \dots$	

## Soil Ecology F 2020 Schedule (best approximation in unknown times)

	Торіс	Lecture format	ACTIVITY	PRODUCT (@ approx deadlines)				
MODULE 3 ::: HOW DOES "WHO'S THERE" AFFECT ECOSYSTEM FUNCTION?								
Week 10	•							
	Role of soil organisms in carbon and							
	nitrogen cycling, PART 1: C cycling, SOM							
2-Nov	formation and turnover	online	START OF BYOP PROJECT #3					
	Role of soil organisms in carbon and							
4-Nov	nitrogen cycling, PART 2: N cycling	none	BYOP #3 ::: discuss	update annotated bibliography daily				
Week 11								
Week II		1						
9-Nov	Aboveground-belowground interactions	online	BYOP #3 ::: discuss	update annotated bibliography daily				
				Synthesis document draft due Wed				
10-Nov		none	BYOP #3 ::: synthesize	11:59 pm				
Week 12		1						
				Peer review (prepare before class,				
			BYOP #3 ::: peer review &	perform during class, assessment due				
16-Nov		none	refine	Monday 11:59 pm)				
18-Nov		none	BVOB #3 ··· finalize products	BYOP assignment #3 due Wed 11:59				
10 1101		none	biol #5 Induze products	pin				
MODULE 4	::: SYNTHESIS - ARE CHANGES IN FUNCTION	N DUE TO MICROB	IAL ADAPTATION, SHIFTS IN COM	APOSITION, OR PHYSIOLOGY?				
Week 13								
			START OF BYOP PROJECT #4 :::					
			Compile docs & brainstorm					
23-Nov		none	what missing issues are there?					
25-Nov	T-DAY!							
Week 14		<u> </u>						
			BYOD DECIECT #4 ···					
30-Nov	Aboveground-belowground interactions	online	READ/WRITE/REVIEW	update appotated bibliography daily				
50 1101	Aboveground belowground interactions	oninic	BYOP PROJECT #4 ···	Synthesis document draft due Wed				
2-Dec		none	READ/WRITE/REVIEW	11:59 pm				
		•						
Week 15								
			BYOP PROJECT #4 :::	Peer review (prepare before class,				
			READ/WRITE/REVIEW PEER	perform during class, assessment due				
7-Dec		none	FEEDBACK	Monday 11:59 pm)				
	LAST DAY OF CLASS ::: Research		BYOP PROJECT #4 ::: PRESENT	BYOP assignment #4 due Wed 11:59				
9-Dec	presentations / synthesis day		FINAL PRODUCT	pm				
Week								
10/1/	EINAL		EINAL	EINAL				
100	TINAL		T TIMPAL	TINAL				