

Field Studies: Tropical Ecology
BIOL/ENVS 38000

Week	Class Topic	In Depth	Readings	Spanish	What's Due
1	Introduction to The Tropics & course logistics		Krichner: Chaps. 1-4 Forsyth & Miyata, Chaps. 1		
2	Tropical Biodiversity	What makes the Tropics so Diverse?	Forsyth & Miyata, Chaps. 2-7 Myers: Tropical Forests and Life on Earth in Head and Heinzman	Tools: pronunciation, numbers & amounts, times & dates, money	
3	Forests	Field Techniques	Nat Geo Giants article Lowman Chap 8-10	Practical: directions, accommodation, shopping, banking, sightseeing	
4	Wet Rainforests	The Neotropical Pharmacy	Kricher, Chap 6. Forsyth & Miyata, Chaps. 8	Social: Meeting people, interests, feelings and opinions, going out, beliefs and cultural differences, outdoors	Passports
5	Cloud Forests	Barcoding Nature?	Forsyth & Miyata, Chaps. 9-11	Food: eating out	
6	Wet Rainforests (continued)	Amphibian Declines	Kricher Chapters 12 & 13 Forsyth & Miyata, Chap. 14	Safe travel: essentials and health	
7	Dry Forests	Bird Fidelity	Kricher, Chapter 10 Forsyth & Miyata, Chaps. 12 Allen (whole book)		Essay #1
8	Forest Management Issues	Indigenous Peoples Chico Mendes	Kricher, Chapter 14 Karlner: Central America-Political Ecology and US Foreign Policy in Head and Heinzman Head, The Consumer Connection in in Head and Heinzman		

9	Water Resources and Impacts	Soil Erosion	Krichner, Chapter 8		
10	Agricultural Systems and Impacts	Bananas & Coffee, Pineapples			
11	Agricultural Systems and Impacts	Pesticide Use			
12	Mangroves and other Coastal Ecosystems	Aquaculture Temperature and Reptile Sex	Kricher, Chapter 11		
13	Development Pressures	Ecotourism Case Study			Essay #2
14	Costa Rica: Geography and Culture		Beletsky: Chapter 2 Stiles and Skutch, Geography and Climate Lonely Planet: Costa Rica: History Culture and Environment		