

MarineLab Teacher Workshops

Advanced Marine Ecology & Research Techniques
July 17 - 21, 2023

		Monday	Tuesday	Wednesday	Thursday	Friday
8 AM	:00		BREAKFAST (8:00)	BREAKFAST	BREAKFAST	BREAKFAST
	:30				DISCUSSION: Coral reefs: A Closer Look	
9 AM	:00		LAB: Harmful Algae Blooms Phytoplankton Identification	FIELD TRIP: Coral Reef Ecology with Bleachwatch & water quality testing	FIELD TRIP Coral reef ecology with parrotfish surveys and A Closer Look	Post-test & evaluations
	:30					
10 AM	:00					FIELD TRIP: Coral Reef Ecology
	:30					
11 AM	:00		DISCUSSION: Coral reef ecology with Bleachwatch			
	:30					
12 PM	:00	OPEN CHECK IN	LUNCH (12:30)	LUNCH	LUNCH	LUNCH (optional)
	:30					
1 PM	:00				Booking a MarineLab program (optional)	Participants may depart immediately after completing their post test and evaluation
	:30					
2 PM	:00	ORIENTATION	DISCUSSION: Seagrass ecology & research methods	FIELD TRIP: Rodriguez Key Zonation with diversity indexing	FIELD TRIP: Mangrove ecology with sediment analysis & water quality testing	
	:30					
3 PM	:00	SWIM TEST, SNORKEL ORIENTATION, LAGOON SNORKEL	FIELD TRIP: Seagrass ecology with surveys			
	:30					
4 PM	:00					
	:30					
5 PM	:00					
	:30					
6 PM	:00	MEET & GREET	SUPPER	SUPPER	SUPPER	
	:30	SUPPER				
7 PM	:00	PRE-TEST				
	:30			LAB: Sponge spicule	LAB: Microplastics	
8 PM	:00	DISCUSSION: Intro to Keys Habitats	LAB: Diversity Indexing	DISCUSSION: Field identification of reef fish & parrotfish survey	DISCUSSION: Summary and Data Analysis	
	:15					
9 PM	:30					
	:45	LAB: Advanced water quality				
	:00					
	:15					
	:30					
	:45					
						COLOR KEY Introductory activities, paperwork Snorkeling or other WET activity Labs & excursions Discussions (in FCC)
						1/20/2023

Sequence and content of field trips subject to change due to weather and group size considerations.