



MarineLab

ENVIRONMENTAL EDUCATION

5 DAY, 4 NIGHT ADVANCED PROGRAM (GR 9-12)

| DAY | TIME | ACTIVITY |
|-------|----------------|---|
| Day 1 | 2 - 3 PM | Arrive, orientation |
| | 3 - 4 PM | Swim test, gear orientation |
| | 4 - 5 PM | Lagoon Snorkel |
| | 6:00 PM | Supper |
| | 7 – 8 PM | DISCUSSION: Intro to Keys Habitats |
| | 8:15 – 9:15 PM | LAB: AP Water Quality |
| Day 2 | 8:00 AM | Breakfast |
| | 9 – 10 AM | DISCUSSION: Seagrass ecology with surveys |
| | 10 AM – 12 PM | FIELD TRIP: Seagrass ecology with surveys |
| | 12:30 PM | Lunch |
| | 2 – 5 PM | FIELD TRIP: Mangrove ecology with sediment analysis |
| | 6:00 PM | Supper |
| | 7 – 8 PM | DISCUSSION: Coral Reef Ecology with Bleachwatch |
| | 8:15 – 9:15 PM | LAB: Microplastics |
| Day 3 | 9 AM – 12 PM | FIELD TRIP: Coral reef ecology #1 with Bleachwatch |
| | 2 – 4 PM | LAB: Phytoplankton monitoring (HAB) and zooplankton identification |
| | 4:15 – 5:15 PM | DISCUSSION: Field identification of reef fish |
| | 7 – 8:30 PM | LAB: Diversity indexing |
| | 8:45 – 9:15PM | Seagrass data analysis |
| Day 4 | 9 AM – 12 PM | FIELD TRIP: Coral reef ecology #2 |
| | 2 – 5 PM | FIELD TRIP: Rodriguez Key snorkel with diversity indexing |
| | 7- 7:30 PM | LAB: Sponge spicule prep |
| | 7:30 – 8:30 PM | DISCUSSION: Summary |
| Day 5 | 8:45 – 9:45 PM | LAB: Sponge Spicule Identification |
| | 9:00 AM | Depart, self-guided tour of Everglades National Park on way home – OR – additional snorkeling trip (extra fees apply) |

See website for current fees. All fees are based on 9 paying participants per boat. Fee includes meals, accommodations, all snorkeling field trips, evening programs, and snorkel gear. Meals are at 8 AM, 12:30 PM and 6 PM unless otherwise noted. To book this program, please call (305) 451-1139. This program is suitable for grades 9-12.