

Marine Environmental Technology

This degree is designed to prepare students for a diverse set of employment opportunities in the field of marine environmental technology and other marine-oriented careers. During the program students will acquire the skills and knowledge necessary to enter the work force in a variety of marine oriented careers including technicians at environmental or research laboratories, environmental consulting industries, aquaculture/mariculture facilities, ecotourism, or conservation and restoration projects. A strong foundation in theoretical knowledge will be applied through field study in a wide range of marine habitats and ecosystems throughout in the Florida Keys, the Florida Reef Tract and the Florida Keys National Marine Sanctuary. A steering committee comprised of employers in the marine sciences and environmental industries, as well as state/federal governmental and management agencies meet regularly to ensure the MET students learn the requisite skills to meet the demands of the growing 21st century marine industries.

General Education Requirements (15 credits)

ENC 1101 English Composition (3)

MAC 1105 College Algebra (3) **OR** MGF 1106 Math for Liberal Arts I (3) **OR**

STA 2023 Introduction to Probabilities & Statistics I (3)

SPC 1608 Introduction to Speech Communication (3)

Any course from Humanities/Fine Arts (Area I, Section B) (3)

Any course from Social/Behavioral Science (Area IV) (3)

Core Requirements (38 credits)

BSC 1010 Principles of Biology I (3)

BSC 1010L Principles of Biology I Lab (1)

ENT 1000 Entrepreneurship (3) **OR** GEB 1011 Introduction to Business (3) **OR** BUL

2241 Business Law (3)

ISC 2132 Basic Research Diving (4)

MTE 1053C 2 & 4 Cycle Outboard Engine Repair and Maintenance (3)

MTE 1811 Basic Seamanship (3)

OCB 1000 Introduction to Marine Biology (3)

OCB 2102C Marine Data Collection (4)

OCB 2721C Survey of Mariculture (4)

OCB 2263C Coral Reef Biology and Management (4)

OCE 1001 Intro to Oceanography (3)

PCB 2030 Environmental Biology (3)

Elective Cluster (9 credits)

OCB 2107C Field Application of Marine Science: Monitoring of Caribbean Reef Fish (3)

OCB 2132C Field Application of Marine Science: Restoration of Coral Reefs (3)

OCB 2133C Field Application of Marine Science: Restoration of Seagrass (3)
OCB 2262C Field Application of Marine Science: Assessment of Coral Reef Habitats (3)
OCB 1301C Dolphin Laboratory (3)
OCB 1311 Dolphin Studies and Field Experience: Marine Mammal Care and Basic Training I (3)
OCB 2310 Dolphin Studies and Field Experience: Cognitive and Behavioral Research with Marine Mammals (3)
OCB 2313 Dolphin Studies and Field Experience: Marine Mammal Training and Enrichment II (3)
EDG 1030 Dolphin Studies and Field Experience: Marine Mammal Interpretation (3)
OCB 1315 Marine Mammal Rescue (3)
OCB 2316 Cetacean Anatomy, Physiology and Pathology (3)

Total Credits Required: 62