

# MARINE SCIENCES (MARI)

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## **MARI 405 - Introduction to Marine Mammal Science and Policy**

**Credits:** 3

This course embarks on the scientific discovery of marine mammals through the intersection of marine policy, physics, biology, and societal value of the ocean. Marine mammal and human interactions will be related to specific marine laws protective of the major taxonomic groups. Students will receive an introduction to marine mammal evolution, morphological and physiological adaptations, ecology, and behavior. These foundational concepts will convey to students the intent of marine policy protective of marine mammals.

**Equivalent(s):** INCO 405

## **MARI 533 - Basic SCUBA**

**Credits:** 3

A full semester rigorous introduction to the fundamentals of SCUBA diving, including diving physics, physiology, decompression issues, environment, equipment, and safety. Through a progressive series of classroom lectures and pool sessions, students gain the knowledge and skills necessary to conduct themselves with competence in New England waters. Emphasis on safety and problem prevention. Strong swimming ability required. Prereq: permission of instructor.

**Equivalent(s):** KIN 533

## **MARI 705 - Introduction to Marine Policy: Understanding US Ocean, Coastal and Great Lakes Policy**

**Credits:** 3

Effective management of human activities in ocean, coastal and Great Lakes areas is critical to our future. This course provides a foundation for students from various backgrounds to understand US marine policy and how it relates to their future careers in research, policy, law, or management. While focused on US marine policy, the course also provides international context, including the UN Law of the Sea and other related conventions on pollution, fisheries, and resource protection.

**Equivalent(s):** INCO 705

## **MARI 730 - Research Diving Technologies**

**Credits:** 4

Certified divers receive extensive training in the methods, specific techniques, and challenges required to conduct underwater research in the Gulf of Maine. Progressively builds upon basic diving skills and knowledge until the student is competent to formulate and implement an independent pilot research project. The results will be written up and presented to the class. Completion of 100-hour course may lead to UNH/AAUS Scientific Diver certification. Prereq: SCUBA open water certification; college level science course; instructor approval.

**Equivalent(s):** KIN 730

## **MARI 735 - Advanced SCUBA**

**Credits:** 4

Through this course students will become competent and highly educated in a variety of diving disciplines to prepare them to work underwater. Students will be exposed to a variety of diving-related topics through a series of lecture and hands-on practical applications. Topics covered are navigation, search and recovery, low visibility, night diving, surface supplied diving, boat driving, accident management, hyperbaric medicine, physics, physiology, working and scientific research methods for diving. Prereq: open water certification, college level science, instructor permission. Special Fee.

**Equivalent(s):** KIN 735

## **MARI 795 - Special Topics**

**Credits:** 1-4

New or specialized topics not normally covered in regular course offerings.

**Repeat Rule:** May be repeated for a maximum of 5 credits.