

Course Name: (NEW) Longs Islands Marine Mammals

Mode : Hybrid

Dates: August 4th- 7th

Instructor: William Behrens

Course Description:

This course will provide introductory coverage of the diversity, biology, physiology and identification of marine mammals and briefly introduce concepts related to their management and future. Emphasis will be placed on species inhabiting in or near Long Island. Participants will be required to do daily readings, videos, discussion forums and answer questions as well as a cumulative project that incorporates a module from this course. One day will be designated for an in person class field trip to put practice and content to good use. Tentative in person on August 6th with rain date August 7th. This course's content can be applied across grade levels and content areas.

Course Learning Objectives:

1. Classify the various groups of marine mammals spotted in our coastal waters.
2. Describe the biological and physiological features of each group.
3. Identify the evolutionary relationship of these species.
4. Evaluate management controls for these protected species.
5. Design a content specialized lesson plan or unit that includes content from this course.

Course Grading:

Discussion # 1	Introductions (5pts)
Module # 1	Understanding the North Atlantic Ocean (10pts)
Module # 2	Classification of Marine Mammals (10pts)
Module # 3	Evolutionary History of Marine Mammals (10pts)
Module # 4	Biological and Physiological features of Marine Mammals (10pts)
Discussion # 2	The great migration (5pts)
Module # 5	Life processes of Marine Mammals (10pts)
Module # 6	Long Island's History with Marine Mammals (10pts)
Module # 7	Current Events (Impact of Wind Turbines?) (10pts)
Discussion # 3	Final Thoughts and Future (5pts)
Final Project	In Person Experience (15ts)