

Cover Sheet - Planned Course Overview

- A. Planned Course Title: Oceanography Course Number: S409
- B. Grade level: 10-12
- C. Board Approval Date: January 28, 2019
- D. Instructional Time:
1. Length of course in weeks: 18 weeks
 2. Number of class periods per week: 5
 3. Length of class periods: 43 minutes
 4. Total clock hours/credit for the course: - ½ credit

- E. List of the units of study within the course and estimated number of class periods or weeks allotted to each:

Topic	Estimated Time
Diving into Ocean Ecosystems	5 days
Water Properties	10 days
Migrations in the Sea	5 days
Explore the Seafloor	10 days
Formation of the Ocean	5 days
Seasons of Change	5 days
The Sea Surface "Great Energy Distributor"	5 days
Weather, Climate, and the Ocean	5 days
Voyage to the Deep	5 days
Photosynthesis in the Ocean	5 days
Biodiversity in the Ocean	5 days
Marine Populations	5 days
Population Changes	5 days
Food Webs in Action	10 days

- F. The texts or major resources for the course:
Title: Marine Science: The Dynamic Ocean
Author: Meghan E. Marrero and Glen Schuster
Publisher: US Satellite Laboratories, Inc.
Copyright: 2012
- G. Special Notes:
- The list of activities and assessments allows for selection of learning activities by teachers to meet the needs of students.
 - Curriculum is housed in the Sapphire Curriculum Mapping.
 - More information can be found in the Oceanography Schoology Course
- H. Names of the committee members who developed the planned course:
Christopher Erdo