

OCN 120 : Global Environmental Challenges

Credits: 3

Class Hours: 3 lecture

Prerequisites: Qualified for MATH 100 or concurrent enrollment in MATH 75X.

Description: This course focuses on scientific approaches to evaluating human-caused environmental challenges and their potential solutions.

Semester Offered: Fall, Spring

Designation:

Diversification: Physical Sciences – DP

Course Student Learning Outcomes (CSLOs):

1. Solve very basic problems involving physics and chemistry of Earth systems.
2. Identify value judgments inherent in different choices in addressing or failing to address global environmental challenges.
3. Apply scientific principles and reasoning to critically evaluate proposed explanations for global environmental challenges.
4. Apply scientific principles and methods to describe natural Earth systems and human impacts on the environment.
5. Compare impacts of potential solutions to global environmental challenges.