COURSE DETAIL

INTRODUCTION TO MARINE SCIENCES
Country Netherlands
Host Institution Wageningen University and Research Center
Program(s) Wageningen University
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 7
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO MARINE SCIENCES
UCEAP Transcript Title INTROMARINESCIENCES
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course covers the foundations of interdisciplinary research in marine socio-ecological systems. Marine socio-ecological components, their importance, and major challenges are reviewed. The content is centered around the themes of Nature, Food, and Society. Specialized training by the Wageningen University library is provided. Real-life challenges for marine socio-ecological systems are used to illustrate the complexity and co-dependency of such systems and to create a tangible framework for the in-depth knowledge required to solve such complex challenges. The course introduces the most relevant foundational knowledge and approaches of the main disciplines involved and the importance of temporal and spatial scales of land-sea interactions. Cases are complemented with day excursions. Students study material individually but also discuss and practice the key concepts and questions in peer-learning groups with a coach. At the end of each week, students perform a mandatory ungraded self-assessment, for which they must score 80% to pass. Students complete a project in small groups, in which they are asked to apply the theory to contribute to the solution of a complex marine problem or challenge. The students write a script and present the results in a knowledge clip.

Language(s) of Instruction
English

Host Institution Course Number
MAE10806

Host Institution Course Title
INTRODUCTION TO MARINE SCIENCES

Host Institution Campus
Wageningen University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Marine Animal Ecology

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