

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 Course Details

<https://wur.osiris-student.nl/#/onderwijscatalogus/extern/cursus>

Host Institution Campus

Wageningen University

Host Institution Faculty

Host Institution Degree
Host Institution Department Marine Animal Ecology
Course Last Reviewed 2023-2024

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