

Department of Marine Geosciences seminar series

Semester A + B

Course Number: 224.4003

Instructor: Prof. Nicolas Waldmann

Office Hours: Monday 12:00-14:00, Multipurpose Building – Room 130, tel.
048280736

Course Type: Seminar

Course Level: MSc/ PhD

Prerequisites: No

Course Description:

The primary objective of this course is to provide the student with the fundamental knowledge on Marine Geosciences, and the whole Earth Science discipline, in a comprehensive and holistic manner through participation in a series of seminars given by exceptional scientists from around the globe. The aim of the course is to enlarge the students' knowledge on state-of-the-art research by learning about techniques and different approaches in a holistic manner.

Topics: Topics vary according to the invited lecturer. Topics cover the whole scale of subjects within the Earth Science discipline.

Learning Outcomes:

At the end of the course, students will be able to:

1. Expand the knowledge and understanding of geological processes shaping and controlling our planet and the marine environment in particular.
2. To comprehend the interaction between humans and the marine environment throughout history.
3. To enhance the knowledge on state-of-the-art techniques in marine geosciences.

Requirements: Reports in case of absence. Seminars will be given online (zoom) in case it is required.

Grading: 75% attendance.

Pass grade >65%, composed of 40% final exam on math and final project on MATLAB, 60% weekly homeworks in math & MATLAB. The exemption exam in math pass grade is 85.

Website: <https://www.youtube.com/channel/UCJYhmN5PBsm9VRLWwnEqL5Q>

Reading List: No reading tasks