

Erasmus Mundus master's degree in Coastal and Marine Engineering and Management (CoMEM)

The **Erasmus Mundus master's degree in Coastal and Marine Engineering and Management (CoMEM)**, coordinated by the **Norwegian University of Science and Technology** and with the **UPC as a participant**, is designed to provide advanced training to future scientists and engineers with responsibilities in coastal, harbour and offshore projects, including management and administration roles in sea-related engineering firms. During the programme, students familiarise themselves with key issues for providing sustainable, environmentally friendly, legally and economically acceptable solutions to various problems in the fields covered by CoMEM.

The programme offers a well-designed combination of topics, theory and practice within five different tracks, giving the students the added value of mobility within the consortium's universities, promoting students' social integration and taking advantage of the distinctive skills offered by the five partner institutions. The tracks are Arctic Marine Coastal Engineering; Marine Operations and Management; Environment and Management; Coastal Engineering; and Engineering and Environment.

GENERAL DETAILS

Duration and start date

Two academic years, 120 ECTS credits. Starting August

Timetable and delivery

Mornings and afternoons. Face-to-face

Language of instruction

English

Information on [language use in the classroom and students' language rights](#).

Location

First semester

All students attend the Norwegian University of Science and Technology, Faculty of Engineering Science and Technology, Department of Civil and Transport Engineering, Trondheim, Norway

Second semester

Students attend according to the chosen track: Delft University of Technology, Faculty of Civil Engineering and Geosciences, Department of Hydraulic Engineering, Delft, the Netherlands or Universitat Politècnica de Catalunya, Barcelona School of Civil Engineering.

Third semester

Students attend according to the chosen track: Delft University of Technology, Faculty of Civil Engineering and Geosciences, Department of Hydraulic Engineering, Delft, the Netherlands or University of Southampton, School of Civil Engineering and the Environment and the School of Ocean and Earth Science, Southampton, United Kingdom or City University, School of Engineering and Mathematical Sciences, London, United Kingdom

Fourth semester

Students attend one of the five universities within the consortium and one in which they have studied according to the chosen track.

Official degree

[Recorded in the Ministry of Education's degree register](#)

ADMISSION

General requirements

[Academic requirements for admission to master's degrees](#)

Places

15

Pre-enrolment

To enrol for an interuniversity master's degree coordinated by a university other than the UPC, you must enrol through the coordinating university:

[Norwegian University of Science and Technology \(Norway\)](#)

PROFESSIONAL OPPORTUNITIES

Professional opportunities

Students will specialise in environmental engineering, environmental management and business management. Thus, they will be able to work in almost any area related to coastal, harbour and offshore engineering and management in both the private and public sectors. They will also develop research skills that will equip them to pursue PhDs or work on specialised topics in industry.

Competencies

Generic competencies

Generic competencies are the skills that graduates acquire regardless of the specific course or field of study. The generic competencies established by the UPC are capacity for innovation and entrepreneurship, sustainability and social commitment, knowledge of a foreign language (preferably English), teamwork and proper use of information resources.

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

European programme

Erasmus Mundus

UPC school

[Barcelona School of Civil Engineering \(ETSECCPB\)](#)

Participating institutions

[Universitat Politècnica de Catalunya \(UPC\)](#)

[Ecole Nationale Supérieure d'Ingénieurs de Caen \(ENSICAEN\)](#)

[Norwegian University of Science and Technology \(Norway\)](#) - **coordinating** university

[Università degli Studi di Genova \(Italy\)](#)

[Université de Caen Normandie \(UNICAEN\)](#)

Academic coordinator

[Agustín Sánchez-Arcilla](#)

CURRICULUM
