

Erasmus Mundus master's degree in Sustainable Systems Engineering (EMSSE)

The **Erasmus Mundus master's degree in Sustainable Systems Engineering (EMSSE)** equips students with the knowledge and skills to create systems that are efficient, cost-effective and environmentally friendly. We prioritise considering the environmental, economic and social impact of a system throughout its entire lifecycle, from design and development to operation and maintenance. The overarching objective of the EMSSE is to design pioneering career paths and curricula for future systems engineering professionals.

The programme offers a specific student mobility agreement and three distinct paths, focusing on Systems Engineering (SoSE, Università di Genova), Methodology in Prediction and Optimisation Strategies for Systems Engineering (AOS, Université de Technologie de Compiègne) and Manufacturing Systems (AMS, Universitat Politècnica de Catalunya). Graduates are awarded a joint degree by all partner HEIs, alongside a joint Diploma Supplement.

GENERAL DETAILS

Duration and start date

Two academic years, 120 ECTS credits

Timetable and delivery

Face-to-face

Language of instruction

English

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

ADMISSION

General requirements

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

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:

[Université de Technologie de Compiègne \(UTC\)](#)

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

European programme

Erasmus Mundus

UPC school

[Barcelona East School of Engineering \(EEBE\)](#)

Participating institutions

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

[Universitetin Politeknik të Tiranës](#)

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

[Université de Technologie de Compiègne \(UTC\)](#) - **coordinating** university

