

# SUSTAINABILITY

This Minor provides the students with a thorough understanding of the very concept of sustainability, highlighting its pivotal role in the actions required to face the current global threats. The programme fosters the understanding of the complementary contributions given by different disciplines in shaping our knowledge of natural and social phenomena. It takes on all the dimensions of sustainability, pointing out the scientific and social tools available to researchers and policy makers to implement, appraise and guide towards sustainability.



# Sustainability

## **Year 1 - Sustainability (30h):**

Introduction to sustainability. Environment, society, science, culture and economy as elements of the sustainability science. The Systems Thinking approach to sustainability.

## **Year 1 - Environmental Politics (30h):**

Analysis of political discourses and sustainability policies at the intersection between the environment, economic, scientific and technological development, public participation, gender and development.

## **Year 2 - Implementation of sustainability (30h):**

Areas where sustainability is needed and tools to move towards more sustainable societies, economy, industry, etc. Tools include science, technology, education, training, monitoring, policies, etc.

## **Year 2 - Climate Change (30h):**

Situational analysis of climate change; Mitigation and adaptation strategies; Climate change politics; Introduction of specific case studies.

## **Year 3 - Laboratory of Sustainability (60h):**

Students will familiarize with processes and tools to envision sustainability goals and define relevant criteria in real-life scenarios. Sustainability indicators and relevant international standards will be introduced. Concepts and methods for carrying out stakeholder analysis (SA) and SWOT analysis will be introduced as well.