

Interdisciplinary issues of ecological transition: Contributing to decision-making in an Anthropocene context

Program Outline

In a world facing major socioenvironmental challenges and increasingly complex issues, making the best decisions requires new skills based on the ability to consult with stakeholders and measure global impact. This course offers a practical approach to answer these challenges, and is based on case studies and live scientific data.

Admission Requirements

- › Candidates must be enrolled in a doctoral school.
- › Up to 20 PhD students can register.

Training objectives

- › Distinguish and mobilize key concepts related to the interdisciplinary concept of the Anthropocene
- › Identify decision-making issues specific to this context
- › Identify the diversity of dimensions and stakeholders involved, including academics, in defining a problem of sustainability
- › Identify the obstacles to change in decision-making and define the levers for change
- › Assess and assume new decision-making responsibilities in an academic or non-academic professional context

Program duration

3 days (18 hours)

Program

Day 1

› Morning

- › Overview of the program
- › Exchange on thesis projects in pairs
- › Establish workshop rules
- › Introducing concepts related to the Anthropocene and decision-making

› Afternoon

- › Critical approaches: deepening our understanding of the Anthropocene and contrasting decision-making processes
- › Group activity: transdisciplinary dimension: disciplines and the Anthropocene

Day 2

› Morning

- › Case study 1: transition issues, original dilemma, decision-making factors: "water quality dilemmas in rural areas"
- › Time for debriefing the case study

› Afternoon

- › On-campus visit to an interdisciplinary living lab dedicated to transition issues in the Bordeaux metropolitan area (e.g. energy, water, food, renaturation, mobility, etc.)

Day 3

› Morning

- › Case study 2: transition issues, original dilemma, decision-making factors: "the dilemmas of local authorities' climate change adaptation plans"
- › Time for debriefing the case study

› Afternoon

- › Reflective review of academic and professional projects
- › Skills assessment
- › Training evaluation

Speakers

- › Dr Cairtriona Carter, Research Director, INRAE
- › Pr Eric Macé, University of Bordeaux
- › Dr Joan Cortinas Munoz, Lecturer, University of Bordeaux
- › Dr Andy Smith, Professor, Science Po Bordeaux

