

One Health & Climate Change Course

Syllabus

Aims

In this course, students are expected to:

- understand the **basic mechanisms of climate change** and its environmental impacts on the planet;
- understand the **One Health approach**, its definitions, history, and current discourses;
- understand the relationships between **climate change and global health problems** and explain the dimensions of impacts on human, animal, and environmental health systems;
- develop **One Health solutions to climate change-related health problems** and plan their implementation.

What is climate change, and how does it affect our planet?

- What is One Health?
- How does climate change impact the health of humans, animals, and the environment?
- How can the One Health approach solve climate change-related health impacts?
- What are the roles and responsibilities of individuals, communities, and societies in such a context? How can they be empowered to act?

The course offers a knowledge foundation on the health impacts of climate change, develop the students' capacities to think through the One Health approach and reflect on the challenges and opportunities in their own context.

Format

- 5 Synchronous Sessions
- 4 Units of asynchronous interactive eLearning
- Scope: 90 working hours in 10 weeks

Credits:

3 ECTS

Content:

The course is divided into 4 Units, with the following topics:

- Unit 1: Climate change science history and basic mechanisms
- Unit 2: History, definitions and applications of One Health
- Unit 3: The impacts of climate change on human, animal, and environmental health
- Unit 4: Climate change responsibility, vulnerability and environmental justice, One Health application in adaptation and mitigation strategies

Assessment:

The final assessment is composed of the following parts:

- Quiz - Unit 1 (10%)
- Assignment 1: Self-reflection Forum (10%)
- Assignment 2: Action plan Abstract (30%), Poster (30%)
- Assignment 3: One Health reflection (20%)