

# ACADEMIC CALENDAR

2025/26

## 17 October 2025

Opening Session

Kick-off

Orientation

## 1. Mandatory Courses

Course 1: Anthropocene in Planetary Health

Course 2: Research Methods in Planetary Health

Course 3: Systems Science in Planetary Health

Course 4: Topics in Planetary Health

The courses are delivered in an intensive format, with each course running for three weeks.

Only one course is offered at a time.

The first course begins on **21 October 2025**.

### Schedule

#### Course 1: Anthropocene in Planetary Health

**20 October – 7 November 2025**

Date	Time	Content	Professor/Tutor
21.10.25	14:30-15:15 15:30-16:30	Introduction to organizational aspects Principles and frameworks in Planetary Health in the Anthropocene (invited speaker Margot Parkes)	Aida Tavares Cristina Branquinho Miguel Prudêncio
22.10.25	9:00-13:00	Impacts of climate change on health: extreme events – cold and heat waves, vector-borne diseases and economic disruption	Ricardo Trigo
23.10.25	9:00-13:00	Food systems and nutrition: sustainable production and health and nutrition	Alex Koberle
24.10.25	9:00-13:00	Importance of biodiversity for health; vegetation fires in the Anthropocene	Cristina Branquinho José Miguel Pereira
27.10.25	9:00-13:00	Infectious diseases in a changing environment: disease vectors, tropical diseases and pandemics	Miguel Prudêncio
28.10.25	9:00-13:00	Impact of environmental factors in cardiovascular disease	Ana Abreu
29.10.25	9:00-13:00	Social determinants of health. Planetary health advocacy, policy and governance	Aida Tavares
30.10.25	9:00-13:00	Urbanization trends, health impacts and research challenges, neurourbanism and human centred-urbanism in current and future cities	Francisco Rebelo
03.11.25 – 06.11.25		Group work	
07.11.25	9:00-13:00	Student presentations	Aida Tavares Cristina Branquinho Miguel Prudêncio

## Schedule

### Course 2: Research Methods in Planetary Health

10 – 28 November 2025

Date	Time	Content	Professor/Tutor
10.11.25	9:00-10:00 10:00-12:30 14:00-15:00	Introduction and group work MO MO Lecturer A Leitão	Mónica Oliveira Sofia Bento Susana Vinga
11.11.25	9:00-12:30 14:00-15:00	SB SB	Sofia Bento
12.11.25	9:00-11:00 11:30-12:30 14:00-15:00	SB SB lecture ACavaco SB MO	Mónica Oliveira Sofia Bento
13.11.25	9:00-10:00 10:00-11:00 11:30-12:30	SV Lecturer A Cavaco SV Lecturer A Leitão SV Lecturer EM Costa	Susana Vinga
14.11.25	9:00-12:30	SV	Susana Vinga
17.11.25	9:00-12:30 14:00-15:00	SV SV	Susana Vinga
18.11.25	9:00-12:30	MO	Mónica Oliveira
19.11.25	9:00-10:00 10:00-11:00 11:30-12:30	MO Lecturer EM Costa MO Lecturer R Trigo MO	Mónica Oliveira
20.11.25	9:00-12:30 14:00-15:00	Student Presentations	Mónica Oliveira Sofia Bento Susana Vinga
23.11.25 – 28.11.25		Group work	

**Schedule**  
**Course 3: System Science in Planetary Health**  
**1– 19 December 2025**

Date	Time	Content	Professor/Tutor
02.12.25	10:00-12:00	Foundations of systems thinking and interdisciplinary perspectives on planetary health	Margarida Amaral
03.12.25	10:00-12:00	Network science and complex systems theory in planetary health research and practice	Margarida Amaral Francisco Pinto
04.12.25	10:00-11:00	Network science and complex systems theory in planetary health research and practice	Margarida Amaral Francisco Pinto
04.12.25	11:00-12:00	Big data, data science and new technologies (AI, virtual reality, machine learning)	Margarida Amaral Emanuel Gonçalves
05.12.25	10:00-12:00	Big data, data science and new technologies (AI, virtual reality, machine learning)	Margarida Amaral Emanuel Gonçalves
09.12.25	10:00-12:00 13:00-15:00	Introduction to global problems in infectious diseases Fundamentals of infectious disease dynamics	Ricardo Dias
10.12.25	10:00-12:00 13:00-15:00	Fundamentals of programming in R Modelling multi-strain pathogens	Ricardo Dias
11.12.25	13:00-17:00	Modelling multi-strain pathogens	Ricardo Dias
12.12.25	13:00-17:00	Modelling ecological niches of mosquito-borne pathogens	Ricardo Dias
15.12.25	10:00-12:00	Exploring biological security as stabilizing feedback in planetary resilience	Mário Ramirez José Lourenço
16.12.25	10:00-12:00	Climate change, agrosecurity and into health governance: a systems nexus	José Lourenço
17.12.25	10:00-12:00	Synthetic biology and natural capital: balancing innovation and biosecurity	José Lourenço
18.12.25	10:00-17:00	Systems thinking for global health governance in planetary health	José Lourenço
19.12.25	9:00-13:00	Evaluation	Margarida Amaral Ricardo Dias Mário Ramirez

## Schedule

### Course 4: Topics in Planetary Health

5 – 20 January 2026

Date	Time	Content	Professor/Tutor
05.01.26	9:00-10:00 10:00-15:00	Introduction Mentoring and presentation by invited speakers	2 invited speakers
06.01.26	9:00-12:30 14:00-15:00	Group work Group work	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
07.01.26	10:00-11:00 11:30-12:30 14:00-15:00	Round table/workshop Mentoring Mentoring	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
08.01.26	9:00-12:30 14:00-15:00	Group work Group work	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
09.01.26	9:00-12:30 14:00-15:00	Group presentations Group presentations	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
12.01.26	9:00-10:00 10:00-15:00	Introduction of the topics Mentoring and presentation by invited speakers	2 invited speakers
13.01.26	9:00-12:30 14:00-15:00	Group work Group work	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
14.01.26	10:00-11:00 11:30-12:30 14:00-15:00	Round table/workshop Mentoring Mentoring	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
15.01.26	9:00-12:30 14:00-15:00	Group work Group work	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
16.01.26	9:00-12:30 14:00-15:00	Group presentations Group presentations	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
19.01.26	9:00-10:00 10:00-15:00	Introduction Mentoring and presentation by invited speakers	2 invited speakers
20.01.26	9:00-12:30 14:00-15:00	Group work Group work	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
21.01.26	10:00-11:00 11:30-12:30 14:00-15:00	Round table/workshop Mentoring Mentoring	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
22.01.26	9:00-12:30 14:00-15:00	Group work Group work	Helena Cortez-Pinto Cristina Máguas Filomena Carnide
23.01.26	9:00-12:30 14:00-15:00	Group presentations Group presentations	Helena Cortez-Pinto Cristina Máguas Filomena Carnide

## 2. Elective Subjects

Please, refer to detailed list of elective subjects available [here](#).