

MPHP80, Health and Environment with Special Focus on Climate Change and Sustainability, 7.5 credits

*Hälsa och miljö med ett särskilt fokus på klimatförändring och
hållbarhet, 7,5 högskolepoäng*
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2021-05-11 to be valid from 2021-05-18, autumn semester 2021.

General Information

Elective course within the master's programme in Public Health

Language of instruction: English

Main field of studies

Public Health Science

*Depth of study relative to the degree
requirements*

A1N, Second cycle, has only first-cycle
course/s as entry requirements

Learning outcomes

The aim of the course is to provide participants with an understanding of how the environment affects people's health in various ways. This includes links between health, climate and extreme weather events as well as other aspects of the environment. Furthermore, the course addresses how changed climate conditions may affect these links, and how health is an important reason for climate change mitigation and adaptation to new conditions in order to reduce this impact on health.

Knowledge and understanding

For a Pass on the course, the participants shall be able to:

- identify conflicting aims between climate adaptation and other societal interests, and to argue for and against these with regard to different aspects
- explain how different environmental factors affect people's health and participate in discussions on this based on scientific evidence

Competence and skills

For a Pass on the course, the participants shall be able to:

- analyse how climate change may affect the links between environment and health based on the current state of scientific knowledge
- apply knowledge about the environment, climate and health within the area of public health

Course content

The course consists of the following components:

- 1) Introduction to environmental medicine and environmental epidemiology
- 2) Climatology, climate modelling and climate change

Specialisations within different topics focusing on health aspects, environment and climate Warm and cold

Air

Water

Built environments

Lifestyle, profession, food and diet

Lectures will address specialised topics as well as the overall aim of the course.

Course design

The course is taught full-time for 5 weeks and starts with introductory lectures intended to provide participants with good conditions to engage in specialised study of health aspects and the environment. Throughout the course, lectures are held and individual tasks and group exercises assigned within different topics. The specialised project, which is to be conducted throughout the course, is introduced early on. This is an individual assignment but time will be set aside for feedback on the project idea and the project from other participants and from teaching staff. Articles and other digital study resources will be distributed at the start and throughout the course. The specialised projects are to be presented during the final week. For each project a critical reviewer is to be appointed to lead a discussion about it.

Assessment

The assessment is based on the specialised project. For a grade of Pass, the student must have passed the specialised project and participated actively in all of the exercises and group work of the course.

Other forms of examination can be used if there are special reasons.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

Entry requirements

Bachelor's degree, English 6 or the equivalent

Further information

Articles and digital study resources that will be distributed at the start and throughout the course.

Subcourses in MPHP80, Health and Environment with Special Focus on Climate Change and Sustainability

Applies from H21

2101 Individual assignment, 7,5 hp
Grading scale: Fail, Pass