

## COURSE DETAIL

### AIR POLLUTION, CLIMATE CHANGE, AND HEALTH

**Country**

China

**Host Institution**

Fudan University

**Program(s)**

Fudan University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies

**UCEAP Course Number**

113

**UCEAP Course Suffix****UCEAP Official Title**

AIR POLLUTION, CLIMATE CHANGE, AND HEALTH

**UCEAP Transcript Title**

AIR POLLU&HEALTH

**UCEAP Quarter Units**

3.00

**UCEAP Semester Units**

2.00

## Course Description

This course introduces the basic scientific knowledge about indoor and outdoor air pollution, as well as global and regional climate change, in relation to human health. It examines scientific research in this field and environment and health in international perspectives. Environment is of great significance to human health. Air pollution, both indoor and outdoor, is closely related with different health problems in different populations. Climate closely interacts with ambient air pollution and affects human health independently. Currently, global climate change has been observed and heat wave and cold wave has been reported to happen more frequently. In this course, the following questions are discussed: What air pollution is found in indoor and outdoor environments? What types of compounds form the pollution? Can they be measured? Do we know the level of different pollutants? How about the relationship between outdoor and indoor environments? Is it safer staying indoors if there high outdoor air pollution? Do we have any measures to prevent or lower the pollution level? What are the health effects of these pollutants? Do they affect our respiratory health, cardiovascular system or even our endocrine system? How about the current climate if compared with old times? Is there any change? How much it will affect our health?

## Language(s) of Instruction

English

## Host Institution Course Number

PHPM110050

## Host Institution Course Title

AIR POLLUTION, CLIMATE CHANGE AND HEALTH

## Host Institution Campus

Fudan University

## Host Institution Faculty

## Host Institution Degree

## **Host Institution Department**

Public Health

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