



Faculty of Arts and Social Sciences  
Environmental Science

## Syllabus

### Risk and environmental issues from a health perspective

<b>Course Code:</b>	RHG200
<b>Course Title:</b>	Risk and environmental issues from a health perspective <i>Risk- och miljöfrågorna ur ett hälsoperspektiv</i>
<b>Credits:</b>	15
<b>Degree Level:</b>	Undergraduate level
<b>Progressive Specialisation:</b>	First cycle, has less than 60 credits in first-cycle course/s as entry requirements (G1F)

#### Major Field of Study:

MXA (Environmental Science)  
RHA (Risk Management)  
RIM (Risk and Environmental Studies)

#### Course Approval

The syllabus was approved by the Faculty of Arts and Social Sciences 2020-03-04, and is valid from the Autumn semester 2020 at Karlstad University.

#### Prerequisites

30 ECTS credits completed in Environmental Science, Risk and Environmental Studies, or Public Health Sciences, or equivalent

#### Learning Outcomes

Upon completion of the course, students should be able to:

- give an account of environment-related health risks in terms of injuries, toxicity, and infectious diseases
- analyse the dynamics of health and safety issues in relation to the interconnected perspectives of environment, population, and climate,
- independently plan and systematically carry out a project with a focus on environment-related health

risks, and

- compile and discuss an independent project in writing, and discuss their own work and the work of other students orally.

### **Content**

The course covers environment-related risks with a focus on vulnerability from the perspective of public health. Concepts and theories of the complex relationships between the environment, risk, and health are introduced. Health aspects of environment-related risk factors such as water pollution, air pollution, and toxicity are highlighted in relation to various vulnerable groups in society. The course introduces the dynamics of health, safety, and climate. People's vulnerability and health problems in connection with disasters are also highlighted, for example as effects of natural disasters and industrial accidents. Students carry out an independent project on environment-related health aspects, which is presented and discussed in a seminar.

### **Reading List**

See separate document.

### **Examination**

Assessment is based on mandatory seminars and individual written assignments, plus a group assignment presented orally.

If students have a decision from Karlstad University entitling them to special pedagogical support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

### **Grades**

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

### **Quality Assurance**

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

### **Course Certificate**

A course certificate will be provided upon request.

### **Additional information**

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.