



Faculty of Health, Science and Technology  
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 Health, Science and Technology 2018-03-02, and is valid from the Autumn semester 2018 at Karlstad University.

#### Prerequisites

30 ECTS credits in the fields of environmental science, risk and environmental studies, or public health studies, or equivalent.

#### Learning Outcomes

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

- describe how the concepts risk, health and the environment relate to one another,
- give an account of environment-related risks, sanitation and health, and discuss the importance of this knowledge and our responsibility for how it is used,
- give an account of and reflect on the changed conditions for health and safety that complex future changes in the environment, population growth and the climate can cause in the short and long term, nationally and internationally,
- independently plan and systematically carry out a comparative study with a focus on health aspects when risks to communities and people are studied,
- compile and discuss an independent project insightfully in writing, and discuss orally their own and other students' works.

#### Content

Environment-related risks with a focus on human vulnerability are studied. Concepts and theories of the complex relations between the environment, risk and health are introduced. Health aspects related to clean water, clean air and a non-toxic environment are related to various vulnerable groups in

society. Future changes in terms of the environment, economic development, population growth, climate etc. are related to changed conditions for human health and safety, nationally and internationally. People's vulnerability and health problems in connection with disasters are, for example, treated as effects of natural disasters and industrial accidents. Students carry out an independent project on environment-related health aspects, which is discussed in seminar.

### **Reading List**

See separate document.

### **Examination**

Assessment is based on:

- written and oral presentations of group assignments
- seminars
- written report on individual assignment
- written exam.

### **Grades**

One of the grades Fail (U), 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.

Required course for the Bachelor degree programme environment and safety 180 ECTS cr.

Students must meet the cost of board and lodging in connection with off-campus meetings and excursions.