



Faculty of Health, Science and Technology
Environmental Science

Syllabus

Introduction Environment and Safety

Course Code:

MVG100

Course Title:

Introduction Environment and Safety

Introduktionskurs i miljö och säkerhet

Credits:

15

Degree Level:

Undergraduate level

Progressive

First cycle, has only upper-secondary level entry

Specialisation:

requirements (G1N)

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 2019-02-15, and is valid from the Autumn semester 2019 at Karlstad University.

Prerequisites

General admission requirements plus field-specific eligibility 15 or A14: upper secondary level Civics A/1b/1a1 1a2, Mathematics B/2a/2b/2c and Natural Sciences B/2 (or Physics A/1, Chemistry A/1, and Biology A/1 for Natural Science B/2), or equivalent.

Learning Outcomes

The aim of the course is to provide an overview of current environmental risks and insights into the foundations and perspectives of the subject areas of environment and risk management, and to introduce students to the independent and scientific approach that is required in higher education.

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

- give an account of the causes and consequences of current environmental risks,
- give an account of national and global environmental risks and discuss threats and vulnerabilities,
- give a basic account of the key concepts in environmental science and risk management,
- discuss the societal management of environmental problems and safety,
- develop ethical and historical perspectives on environmental risks,
- integrate environmental and risk perspectives in a current case,
- seek and assess information on environmental risks,
- write a short academic essay,
- discuss the knowledge that is relevant and necessary to prepare for a future professional role in the area of environment and safety.

Content

Instruction is in the form of lectures, seminars, exercises, group discussions, excursions, and study visits.

The course comprises the following components:

- introduction to studying at university, to academic writing and finding sources,
- introduction to the programme Environment and Safety and to the future professional role,
- ethical perspectives on environmental risks,
- historical perspectives on environmental risks,
- basic key concepts in environmental science and risk management,
- causes and consequences of current environmental risks,
- survey of environmental risks in Sweden and globally: threats and vulnerabilities, and
- discussion of societal management of environmental problems and risk.

Reading List

See separate document.

Examination

Assessment is based on written individual and group hand-in assignments, oral presentation of group assignments, an individual written exam, an individual report on a study visit, and a final seminar.

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.

Required course for the Environment and Safety programme.

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