



Faculty of Arts and Social Sciences
Environmental Science

Syllabus

Pedagogic methods for teaching about risk and environmental issues

Course Code:	MVG403
Course Title:	Pedagogic methods for teaching about risk and environmental issues <i>Pedagogiska metoder för att undervisa om risk- och miljöfrågor</i>
Credits:	7.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

Major Field of Study:
MXA (Environmental Science)
RHA (Risk Management)

Course Approval

The syllabus was approved by the Faculty of Arts and Social Sciences 2024-08-16, and is valid from the Spring semester 2025 at Karlstad University.

Prerequisites

At least 60 ECTS credits in one of the subjects Environmental Science, Risk Management, Risk and Environmental Studies, Communication Studies, Subject-specific Education, Educational Studies, Games Development, and Social and Spatial Planning, or equivalent.

Learning Outcomes

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

1. describe and use key concepts and theories related to education, games development, learning, communication, risk management, environmental science, and transformation, with

a focus on risk and environmental issues,

2. apply theoretical foundations from education, games development, learning, communication, risk management, environmental science, and transformation, and identify the skills that an educational method should develop, and

3. develop, test, and evaluate a new educational method or part of an existing educational method, with a focus on risk and environmental issues.

Content

The purpose of the course is for students to learn about various educational methods that can be used to communicate about and teach risk and environmental issues. The course is based on the methods, tools, and games developed in RiskLab at Karlstad University, where some course components are also conducted. In the course, students will have the opportunity to develop, test, and evaluate educational methods with a focus on risk and environmental issues. Students will also acquire a theoretical basis in knowledge related to education, games development, learning, communication, risk management, environmental science, and transformation.

The course includes the following components:

- Introduction to RiskLab and the methods, tools, and games developed there.
- Basic theoretical knowledge in education, games development, learning, communication, risk management, environmental science, and transformation with a focus on risk and environmental issues.
- Basic practical knowledge of the development, testing, and evaluation of educational methods.

Reading List

See separate document.

Examination

Learning outcome 1 is assessed based on an individual written hand-in assignment.

Learning outcome 1 is also assessed based on active participation in seminars.

Learning outcomes 2 and 3 are assessed based on a written hand-in assignment completed in groups and presented and discussed in a seminar.

If students have a decision from Karlstad University entitling them to Targeted Study 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.