



**Faculty of Health, Science and Technology
Risk Management**

Syllabus

Course Approval

The syllabus was approved by the Faculty Board of Health, Science and Technology on 17 March 2014 , and is valid from the Autumn semester of 2014 at Karlstad University.

Course Code: MVAE34

**Sustainable Development from a Safety Perspective, 7.5 ECTS Credits
(Hållbar utveckling ur ett säkerhetsperspektiv, 7.5 Swedish credit points)**

Degree Level: Master

Progressive Specialisation: A1N (Second cycle, has only first-cycle course/s as entry requirements)

Language of Instruction

Swedish and English

Prerequisites

Completed first-cycle courses of at least 120 ECTS cr plus upper secondary school level Swedish 3 or B, English 6 or A

Major Field of Study

RHA (Risk Management), RIS (Societal Risk Management)

Learning Outcomes

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

- reflect on how the three areas safety, health, and environment (SHE) interact and are interdependent
- explain how societal risk- and safety work is related to important principles of sustainable development
- analyze risks and safety work from ecological, social, and economic perspectives,
- critically reflect on the relationship between risk management and development work in industrialized and developing countries respectively.

Content and Form of Instruction

Instruction is in the form of distance education via a web-based platform and two on-campus meetings with examination components at the beginning and end of the course.

The course covers the topic of sustainable development in a risk- and safety perspective. Issues of societal safety work is problematized in its economic, ecological, and social dimensions. Central issues are the different definitions of the concept development and how it can be combined with preventive risk management.

The course also applies an international perspective and discusses the situation in the third world where the welfare of the individual and for countries is closely linked to risk- and safety aspects. Natural catastrophes and future effects of climate changes pose threats that severely impede sustainable development. This issue is treated in a third world perspective, where risk management is often connected to fighting poverty and poor living conditions.

The course covers the relationship between the three overlapping areas safety, health, and environment (SHE), such as the advantages of treating the three areas as being integrated, but also the potential conflicts that may arise between these areas in various types of organizations and activities. SHE is studied as a basis of leadership and management systems.

Reading List

See separate document.

Examination

Assessment is based on individual hand-in assignments, participation in seminars, a written project, and on student performance in the concluding on-campus seminars at which the assignments are discussed and defended in groups and seminars. The assignments involve the relations between safety, health and the environment, sustainable development in a risk and safety perspective, risk and safety in ecological, social and economic perspectives, and risk management and development in developed and developing countries. The first on-campus meeting include discussion exercises designed the test students' preunderstanding.

Grades

One of the grades Fail (U), Pass (G), or Distinction (VG) 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 assessment is based on student views and experiences as reported in written course evaluations and/or group discussions. Students will be informed of the result of the evaluation and of the measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional Information

Students who enrolled before 1 July 2007 will complete their studies in accordance with the requirements of the earlier admission. Upon completion students may request degree and course certificates to be issued under the current ordinance if they meet its requirements.

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

Students must have access to a computer with an Internet connection and with the performance required according to the Karlstad University technical description for student computer support.