



Course syllabus

Introduktion till studier i risk, säkerhet och krishantering Introduction to the Study of Risk, Safety and Crisis Management

VRSA05, 10 credits, G1 (First Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED BI/RH

Date of Decision: 2023-04-12

General Information

Compulsory for: R1

Language of instruction: The course will be given in Swedish

Aim

The course aims for the student to gain an overview introduction to concepts, approaches and methods within the area. The course also provides an introduction to the concept of sustainable development from a risk perspective. Moreover, the course aims to introduce professional roles for a MSc in risk, safety and crisis management. In addition, the course aims to create awareness around study strategies, group dynamics and project work. Finally, the course aims to provide the student with basic knowledge about literature searches as well as oral and written communication.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- demonstrate an overview understanding of usual concepts, approaches, methods, roles, rules and regulations within the area of risk, safety and crisis management.
- demonstrate understanding of the relationship between risk/crisis management and sustainable development.
- understand the relevance of study strategies and group dynamics.

Competences and skills

For a passing grade the student must

- in a group plan and execute a small project within the area and present the result orally and in writing.
- perform literature searches and information gathering in support of projects and individual essays.
- master formalities when writing reports.
- be familiar with issues related to argumentation, academic writing and plagiarism.

Judgement and approach

For a passing grade the student must

- participate in a problematising discussion around central issues and ethics with the subject area.
- identify one's own need for further knowledge.

Contents

The course consists of lectures and seminars where usual concepts, approaches, methods, and issues within the subject area, as well as its relation to sustainable development, are presented and discussed. The idea is to provide an overview of what knowledge and skills that is needed to solve complex issues in the area of risk, safety and crisis management, with an introduction to which courses in the program that aim to provide this knowledge and skill. Furthermore, presentations are given by representatives of various potential professional roles for the student after graduation. In addition, lectures/workshops are conducted focusing on study strategies, group dynamics, working in projects, information search, written communication and presentation techniques. A group project is conducted.

Examination details

Grading scale: UG - (U,G) - (Fail, Pass)

Assessment: The examination consists of a number of small written individual reflections regarding usual concepts, approaches and methods within the subject area, as well as its relation to sustainable development. Furthermore, a group project is conducted which is presented in writing as well as orally. Active participation in obligatory seminars is required. The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

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Parts

Code: 0122. **Name:** Obligatory Seminars.

Credits: 2. **Grading scale:** UG. **Assessment:** Active participation in discussions at obligatory seminars.

Contents: Usual concepts, approaches and methods within the subject area, as well as its relation to sustainable development. Problematising discussion around central issues and ethics with the subject area.

Code: 0222. **Name:** Individual Written Reflections.

Credits: 4. **Grading scale:** UG. **Assessment:** Successfully completed individual written reflections.

Contents: Usual concepts, approaches and methods within the subject area, as well as its relation to

sustainable development.

Code: 0322. **Name:** Group Project Assignment.

Credits: 4. **Grading scale:** UG. **Assessment:** Successfully completed written group project report and oral presentation. **Contents:** Group project.

Admission

The number of participants is limited to: No

Reading list

- Kurskompendium sammanställt av institutionen.
- Dahlin, J-E: Hållbar utveckling: en introduktion för ingenjörer. 2014, ISBN: 9789144092669.
- Lennerfors, T.: Etik för ingenjörer. 2019, ISBN: 9789144127699.

Contact and other information

Course coordinator: Marcus Abrahamsson, marcus.abrahamsson@risk.lth.se

Course administrator: Linnéa Ekman, linnea.ekman@ebd.lth.se

Further information: Active participation in group work is mandatory. Each group member must be able to present and answer for the contents of the joint report. A student who does not meet the demands of active participation, or disregard their obligations, can be replaced to another group or failed by the examiner.