

**SYLLABUS**

# **Natural resource governance: field course 7.5 credits N7020N**

**Naturresursförvaltning: Fältkurs**

**Course syllabus admitted: Spring 2024 Sp 3 - Present**

**DECISION DATE  
2023-02-15**

# Natural resource governance: field course 7.5 credits N7020N

## Naturresursförvaltning: Fältkurs

### Second cycle, N7020N

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G VG	Naturresursförvaltning	Social Studies

### Main field of study

Natural Resource Governance

## Entry requirements

Academic degree, minimum 180 credits of which at least 90 credits in social-, technical- or natural science subjects and completed the following courses with at least a passing grade; Introduction to natural resource governance (N7013N) 7,5 credits, Actors and natural resources (N7014N) 7,5 credits, The institutions, policy and economics of natural resource governance (N7016N) 7,5 credits, Governing natural resource conflicts (N7017N) 7,5 credits and Natural resource use (N7018N) 7,5 credits, or equivalent. Good knowledge in English, equivalent to English 6.

## Selection

The selection is based on 30-285 credits

## Course Aim

After completing the course participants should be able to:

### **Knowledge and understanding:**

- understand complex real-world sustainability issues and situations from critical and cross-disciplinary perspectives
- understand physical landscape dimensions of natural resource utilization
- understand physical landscape dimensions of goal- and land use conflicts
- through first-hand experience understand the economic, social and cultural dimensions of goal and land use conflicts from a long term perspective, in real-world context

### **Competence and skills:**

- apply concepts and approaches pertaining to natural resource governance in a case study context
- explore impacts of resource extraction and industrialization in the context of sustainable development, e.g. to identify contributions to various sustainability objectives in a case study setting
- identify goal-conflicts and discuss possible ways of dealing with them based on different approaches to natural resource governance, in a limited case study area
- identify material and immaterial historical legacies influencing goal- and land use conflicts, in a case study context
- Transform field work observations to a source material usable for research

### **Judgement and approach:**

- From a point of departure in a real-world case, identify and critically reflect on underlying reasons for natural resource conflicts, including institutions, different actors' capacities and perceptions, the physical properties of resources and landscapes, historical legacies etc.

## Contents

Conflicts between sustainability goals are often related to specific places or regions. They can emerge in places that are rich in minerals needed for new green transition technologies, or that have good conditions for producing renewable energy, but where mining and energy production may have negative impacts on the environment and local livelihoods. In order to understand how and why conflicts between sustainability goals and land uses may arise, and the possibilities for resolving them, it is necessary to understand how they play out in specific places and how different stake- and right holders reason. This course is field- and problem based, and explores goal conflicts where they arise. The learning activities are lectures as well as exercises in data collection and analysis, partly in the classroom, partly in the form of field studies in places that are subject to natural resource conflicts. Real world-problems serve as a point of departure for exercises to explore the impacts of an industrial transition in the context of sustainable development, e.g. to identify contributions to various sustainability objectives. Different cross-disciplinary perspectives are used to analyse sustainability issues and communication across disciplinary boundaries.

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

This course applies a problem- and case-based approach. The course is realized through lectures, literature studies, individual and group assignments. Lectures and literature studies are combined with a problem- and case-based approach connecting theoretical knowledge and real-world resource governance dilemmas.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

Individual written assignment 4,5 ECTS, seminars 3 ECTS.

## Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

## Remarks

Students must register for the courses themselves, or contact ETKS educational administration [eduetks@ltu.se](mailto:eduetks@ltu.se), no later than three days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed place.

## Course offered by

Department of Social Sciences, Technology and Arts

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Individual written assignment	U G VG	4.5	Mandatory	S24	
0002	Seminars	U G#	3	Mandatory	S24	

## Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

## Syllabus established

by Director of Undergraduate Studies Daniel Örtqvist, Department of Business Administration, Technology and Social Sciences 2023-02-15