

**SYLLABUS**

# **Ecosystems and natural resources 7.5 credits N7015N**

**Ekosystem och naturresurser**

**Course syllabus admitted: Autumn 2023 Sp 1 - Present**

**DECISION DATE  
2023-02-15**

# Ecosystems and natural resources 7.5 credits N7015N

## Ekosystem och naturresurser

### Second cycle, N7015N

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.  
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:**

- Describe and explain the natural properties of key natural resources
- Describe and explain, from a natural science perspective, how properties of natural resources may affect utilization and governance of those resources

### **Competence and skills:**

- Analyse how properties of natural resources may enable, limit or otherwise influence resource utilization and resource governance
- Work in groups to analyse and evaluate relations between natural properties of resources, the desires and interests of actors, and institutions for governing resources
- Present, motivate and discuss written and orally analyses of various problems related to natural boundaries pertaining to natural resources, from a natural science perspective

### **Judgement and approach:**

- Evaluate and critically reflect on the relation between assumptions about natural resources in industry and governance, and natural scientific perspectives on those resources
- Evaluate and critically reflect on approaches and arguments presented in scientific articles in the field

## Contents

- Natural science definitions of key natural resources
- Key properties of natural resources from a natural science perspective
- Natural properties of resources that may enable, limit or otherwise influence utilization and governance
- Minerals
- Terrestrial- and marine ecosystems

## 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 utilizes a problem- and case-based approach. The course realization is through lectures, literature studies, individual and group assignments.

## 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.

Written assignment 4,5 ECTS, seminars 3 ETCS.

## 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	Written assignment	U G VG	4.5	Mandatory	A23	
0002	Seminars	U G#	3	Mandatory	A23	

## 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