

Raw Materials Network Seminar (I002192)

Course size *(nominal values; actual values may depend on programme)*

Credits 5.0	Study time 150 h	Contact hrs	45.0h
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Course offerings in academic year 2022-2023

A (semester 2)	English	Gent
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Lecturers in academic year 2022-2023

Fors, Per	UPPSAL01	lecturer-in-charge
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Offered in the following programmes in 2022-2023

	crdts	offering
International Master of Science in Sustainable and Innovative Natural Resource Management	5	A

Teaching languages

English

Keywords

Position of the course

Contents

The course is based on a number of real cases, dealing with sustainability issues of different parts of the value chain for raw materials. The cases are generally presented by partners in EIT RawMaterials, both companies and universities. Examples of possible cases include sustainable mining in Northern Sweden and the local Sami population, exploration in sensitive environments and potential for green mining.

Initial competences

150 credits, which of 90 credits in science/technology and 15 credits at second cycle in sustainable development. Proficiency in English equivalent to the Swedish upper secondary course English 6.

Final competences

- 1 On completion of the course, the student should be able to:
Formulate a problem based on a given challenge or opportunity within the value chain of raw materials.
- 2 Reflect upon and critically evaluate evidence from different sources in the field of raw materials.
- 3 Integrate and evaluate competing evidence from technical, scientific, environmental, political, economical, ethical or societal perspectives.
- 4 Create possible solutions to problems within the field of raw materials, compare the advantages and disadvantages, and propose a solution based on sustainable development.
- 5 Appraise complex issues within the field of raw materials on local, regional and global scales.

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, Seminar, Lecture

Extra information on the teaching methods

Lectures, assigned reading, supervision of group work and seminars.

Learning materials and price

References

Course content-related study coaching

Assessment moments

Examination methods in case of periodic assessment during the first examination period

Participation

Examination methods in case of periodic assessment during the second examination period

Participation

Examination methods in case of permanent assessment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Extra information on the examination methods

Active participation in student lead case seminars (2cr) and a written report (3cr).

If there are special reasons for doing so, an examiner may make an exception from the method of assessment indicated and allow a student to be assessed by another method. An example of special reasons might be a certificate regarding targeted pedagogical support from the disability coordinator of the university.

Calculation of the examination mark