

## Problems and Innovations in the Process Chain of Rare Resources (I002173)

Course size (nominal values; actual values may depend on programme)  
Credits 4.0 Study time 120 h Contact hrs 60.0 h

Course offerings in academic year 2018-2019

A (semester 1) English

Lecturers in academic year 2018-2019

Tischler, Dirk

FREIBE lecturer-in-charge

Offered in the following programmes in 2018-2019

crdts offering

[International Master of Science in Sustainable and Innovative  
Natural Resource Management](#)

4 A

Teaching languages

English

Keywords

Position of the course

Contents

1. Introduction of lecturers, companies, and students by short talks. Later social events will force the team building.
2. 5 Lectures on the process chain (Preprocessing technologies, (Bio-)Leaching, Separation processes, Hydrometallurgy, Process analysis) in combination with seminars to form working groups on individual topics.
3. Excursions and field trips, company talks and lectures.

Initial competences

Final competences

- 1 able to explain real world problems in the process chain of special resources
- 2 understanding about how different sectors have to interact to form a working unit in research

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

Excursion, group work, lecture, seminar

Learning materials and price

References

Course content-related study coaching

Evaluation methods

end-of-term evaluation

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

Report

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

Report

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Calculation of the examination mark