

critically assess and describe Africa's major mineral provinces and resources, their properties and suitability for exploitation

- 2 provide informed insight and proficient discussion around exploration and exploitation strategies for primarily Sub-Saharan resources
- 3 account for management and awareness of social challenges of sustainable mining in Africa
- 4 critically evaluate potential environmental hazards and suitable mitigation strategies

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

Lecture, seminar, practical

Extra information on the teaching methods

Lectures, seminars, case-based learning and practical exercises

Learning materials and price

References

The Future Availability of Natural Resources: a new paradigm for global resource availability, World Economic Forum, 2014

The great mineral fields of Africa : Special issue for the 35 IGC, Cape Town, South Africa 27

August - 4 September 2016, Beijing: International Union of Geological Sciences, 2016

Geological Atlas of Africa : With Notes on Stratigraphy, Tectonics, Economic Geology, Geohazards, Geosites and Geoscientific Education of Each Country

Berlin, Heidelberg: Springer-Verlag Berlin Heidelberg, 2008.

Course content-related study coaching

Evaluation methods

end-of-term assessment

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

Participation, assignment, oral assessment, written assessment

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

Participation, assignment, oral assessment, written assessment

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

not applicable

Extra information on the examination methods

Individual project report and oral presentation (2 hp), participation in group work and seminars (1 hp), written examination (2 hp).

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 special pedagogical support from the disability coordinator of the university.

Calculation of the examination mark