

Soil management in tropical and subtropical developing regions (I002482)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size (nominal values; actual values may depend on programme)
Credits 3.0 Study time 90 h Contact hrs 30.0 h

Course offerings in academic year 2020-2021

A (semester 2) English Gent

Lecturers in academic year 2020-2021

Diaz-Pines, Eugenio WIEN03 lecturer-in-charge

Offered in the following programmes in 2020-2021

	crdts	offering
International Master of Science in Soils and Global Change (main subject Soil Biogeochemistry and Global Change)	3	A

Teaching languages

English

Keywords

Position of the course

Contents

Soil degradation and the decline in soil productivity in the tropics and subtropics are explained on the basis of case studies. Climate and soil properties in the tropics and sub-tropics are discussed. Diversity and global distribution of soils in the tropics and sub-tropics are presented on the basis of the WRB-system. Agricultural systems in the tropics and their specific environmental conditions are explained for the main crops. Of special importance are the sustainable use of soil, soil as a resource which is renewable to a limited degree, and the relevance of sustainable soil use for development policy, in the context of the Agenda 21, soil and hunger, and food safety.

Initial competences

no previous knowledge expected

Final competences

Relations between natural soil resources and socioeconomic impact

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

Learning materials and price

multimedia-supported

References

Course content-related study coaching

Evaluation methods

end-of-term evaluation

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

Oral examination

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

Oral examination

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