

Tropical Crop Production (I002731)

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 4.0 **Study time** 120 h **Contact hrs** 40.0 h

Course offerings in academic year 2020-2021

A (semester 2) English Gent

Lecturers in academic year 2020-2021

Van Damme, Patrick LA21 lecturer-in-charge

Offered in the following programmes in 2020-2021

	crdts	offering
Master of Science in Bioscience Engineering Technology: Agriculture and Horticulture (main subject Tropical and Subtropical Agriculture)	4	A
Master of Science in Bioscience Engineering: Forest and Nature Management	4	A
Master of Science in Bioscience Engineering: Agricultural Sciences	4	A
Exchange Programme in Bioscience Engineering: Agricultural Sciences (master's level)	4	A
Exchange Programme in Bioscience Engineering: Land and Forest management (master's level)	4	A

Teaching languages

English

Keywords

Plant production, tropical crops, farming systems, food crops, non-food crop

Position of the course

To become acquainted with the most important aspects of tropical plant production as part of an integrated production system addressing plant and animal production in relation with the environment.

To get acquainted with specific techniques in tropical plant propagation (through practical sessions).

Contents

Tropical plant production is presented through its many aspects (farming system, specific methods,...) and characterised as to its different systems (slash and burn, semi-nomadic systems, ley farming, irrigated systems, plantation systems, integrated plant and animal production) and integrative systems (agroforestry). Selected examples are discussed and specific production methods, constraints and problems, and solutions are addressed. Food (millet, sorghum, soya, groundnut, yam, cassave,...) and non-food crops (rubber, cacao, coffee, tea, cotton,...) in different ecologies are presented and discussed.

Initial competences

There are no specific requirements.

Final competences

The student has insight in tropical crop problems and techniques.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Guided self-study, lecture, practicum, self-reliant study activities

Learning materials and price

Teaching on tropical crops is supported by a CD-ROM containing all relevant information/illustrations on tropical crops (ca. 200). A syllabus is available where required. Cost: 45 EUR

References

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Course content-related study coaching

Permanent through Minerva. Personal contacts with lecturer and assistants.

Evaluation methods

end-of-term evaluation and continuous assessment

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

Written examination with open questions

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

Written examination with open questions

Examination methods in case of permanent evaluation

Assignment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Calculation of the examination mark

Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.