

P12 Crops and production systems in the tropics

Module	Crops and production systems in the tropics								
Code	P12								
Coordinator	Prof. Dr. A.M. Whitbread								
Language	English								
Stud. Workload	180h (60h contact time)								
Credits	6 ECTS								
Frequency (WS/SS)	WS								
Instructors	Dr. R. F. Kühne, Prof. Dr. A.M. Whitbread								
Contents	Presentation of the most important crops with respect to: botany, morphology, origin, climatic and ecological requirements. Crop production, harvest significance in local farming systems, utilisation as food, feed, raw materials and as bioenergy source. Discussion of specific cropping systems in the tropics and subtropics und specific management systems for the sustainable improvement of productivity.								
Objectives	Knowledge of botanical, ecological and economical facts of crops and cropping systems. The students should be able to classify crops and cropping systems in relation to site conditions and undertake system-orientated evaluation of sustainable production.								
Literature	Rehm, S., Espig, G. 1991: The Cultivated Plants of the Tropics and Subtropics. Verlag Josef Margraf. Weikersheim, Germany; lecture notes								
Study system usability	Economy			Organic			Tropical		
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Entrance requirements	Basic knowledge on plant production (BSc-level)								
Instruction type	Lecture		Seminar		Excursion	Practice	Tutorial		Project
Duration [contact h]	60								
Examination type	Oral test	Written test		Home work	Sem. speech	Protocol	Work report	Proj. report	Proj. pres.
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