

A12M Multidisciplinary Research in Tropical Production Systems

Module	Multidisciplinary Research in Tropical Production Systems						
Code	A12M						
Coordinator	Prof. Dr. E. Schlecht						
Language	English						
Participants	Maximum 25						
Stud. Workload	180h (60h contact time)						
Credits	6 ECTS						
Frequency (WS/SS)	SS						
Instructors	Prof. Dr. E. Schlecht, Dr. A. Schiborra						
Contents	This module prepares the student for international agricultural research in the framework of their M.Sc. and Ph.D. theses, the prerequisites of which include the ability to work in a multicultural and interdisciplinary environment as well as the ability to communicate scientific results effectively and efficiently. The module emphasises the practice of research and presentation skills. Participatory tools for field research are introduced and tested, group exercises on how to design experiments and analyse experimental data are carried out. Hereby, the livestock, crop and farm household data is taken from finalized or ongoing research projects of the instructors. The communication of the results in the form of scientific posters is trained.						
Objectives	<ul style="list-style-type: none"> - To learn priority setting for research projects, formulation of problem statement, research objectives and hypotheses - To get acquainted with participatory tools for field research - To learn how to design experiments and analyse field data - To learn how to present research results as a poster at a conference 						
Literature	Specific methodological publications and scientific articles, distributed in the course.						
Study system usability	Economy		Organic		Tropical		
	E		M		M		
Entrance requirements	Basic computer skills and compulsory module in statistics						
Instruction type	Lecture	Seminar		Excursion	Practice	Tutorial	Project
Duration [h]	20				40		
Examination type	Oral test	Written test	Homework	Sem. speech	Protocol	Work report	Proj. report
		x			x		
Grade composition	50% written test, 25% tool execution and discussion, 25% poster compilation and presentation						