

P08 Pests and Diseases of Tropical Crops

Module	Pests and Diseases of Tropical Crops							
Code	P08							
Coordinator	Prof. Dr. S. Vidal							
Language	English							
Stud. Workload	180h (60h contact time)							
Credits	6 ECTS							
Frequency (WS/SS)	SS							
Contents	<p>Students should become familiar with the</p> <ul style="list-style-type: none"> - causes of diseases (abiotic & biotic diseases) - taxonomy of disease agents (bacteria, fungi, virus) and insect pests - basics of integrated pest management (approaches, economic threshold, epidemiology) - biological control (diseases, pests) - cultural control (cultivars, crop rotation, planting term, manual control) - chemical control (toxicology, fungicides, insecticides) <p>of the main crops in subtropical and tropical regions</p>							
Objectives	Gain an understanding of potential control options in tropical and subtropical crops via an integrated crop management approach.							
Literature	Lecture based materials; details provided during lectures.							
Study system usability	Economy		Organic		Tropical			
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Entrance requirements	Basic knowledge (B.Sc. level) in agricultural entomology, plant diseases and plant production							
Instruction type	Lecture	Seminar	Excursion	Practice	Tutorial	Project		
Duration [contact h]	45	15						
Examination type	Oral test	Written test	Homework	Sem. speech	Protocol	Work report	Proj. report	Proj. pres.
		x		x				
Grade composition	70% written test, 30% seminar speech							