

Georg-August-Universität Göttingen		6 C 4 WLH
Module M.Agr.0174: Plant Health Management in Tropical Crops		
Learning outcome, core skills: Students are able to recognize pests and diseases of tropical crops as treated in this course. They critically evaluate scientific and non-scientific publications on crop protection in the tropics. Students are able to create a scientific presentation according to the standards of international conferences and use interactive teaching material; students know the scope and limits of their knowledge in the treated field, they know where to find relevant, reliable information. Students learn to consider subject-related issues from a variety of different perspectives and to work effectively in international teams.		Workload: Attendance time: 36 h Self-study time: 144 h
Course: M.Agr.0174 Plant Health Management in Tropical Crops (Lecture, Excursion, Seminar) <i>Contents:</i> Blended learning module; presentation of the most important pests and diseases of the most important tropical crop plants: symptoms, life cycles and plant health management (eg. in rice, maize, cacao, coffee, bananas). Additional crops may be included according to students´ preferences and practical experience. Introduction to relevant international data banks and networks. Use of scientific videos on selected topics of crop protection in the tropics.		4 WLH
Examination: Written exam (45 min, 40%), Student presentation with discussion (ca. 20 min presentation + ca. 10 min discussion 60%) M.Agr.0174.Mp: Plant Health Management in Tropical Crops Examination requirements: <ul style="list-style-type: none"> • Written exam: main groups of causal agents, basic botany of the crop plants treated, basic biology of causal agents (life cycles etc.), recognition of symptoms, knowledge of control strategies. • Presentation: appropriate according to the standard of international conferences: relevant and sound content, clear structure, style, language (written and spoken) and pronunciation, citation and use of sources according to good scientific practice. 		6 C
Admission requirements: none	Recommended previous knowledge: Basics of plant pathology, including basics of integrated pest management	
Language: English	Person responsible for module: Prof. Dr. Michael Georg Rostás	
Course frequency: each summer semester	Duration: 1 semester[s]	
Number of repeat examinations permitted: twice	Recommended semester: from 2	
Maximum number of students:		

30	
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Additional notes and regulations:

The module is designed as a blended learning-course with strong emphasis on digital material and student based learning. Contact time is reduced to allow thorough preparation of the presentations.