

Georg-August-Universität Göttingen Universität
Master Program Crop Protection
Modul M.Agr.0174 : Plant Health Management in Tropical Crops”

<p>Contents: 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 and basic training to create own videos.</p> <p>Objectives: 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. Appreciation of cultural diversity.</p>	<p>Time demand</p> <p>180 h</p> <p>Contact time: 36 h</p> <p>Self study: 144 h</p>
<p>Course Type: lecture, seminar with student presentations, excursion</p>	<p>4 SWS</p>
<p>Exam: Written exam, 45 min, 40% Student presentation with discussion, 60%</p> <p>Exam requirements: <u>Written exam:</u> 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. <u>Presentation:</u> 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.</p>	
<p>Entry requirements: none</p>	<p>Recommended prior knowledge: Basics of plant pathology, including basics of integrated pest management</p>
<p>Language: English</p>	<p>Modulverantwortliche[r]: Prof. Rostás, Prof. von Tiedemann, Dr. Weigand, Dr. Sirrenberg</p>
<p>Position in academic year: summer semester</p>	<p>Duration: one semester</p>
<p>Maximum options of exam repetition: twice</p>	<p>Recommended semester: 2</p>
<p>Maximum number of participants: 30</p>	<p>elective</p>