Georg-August-University Göttingen

Master Program "Crop Protection"

Modul M.Agr. 0023 "Interactions between Plants and Pathogens"

Contents, Objectives		C/H PER SW
Contents: Lecture Different aspects of interactions betwee bacteria, and viruses. The infection by fungi, bacteria and viruses on the host plant and spreading distribution). Types of plant resistance, their importance and possibilities of inswell as induced and systemically acquiruse pathosystem Agrobacterium tume and discussed. The gen for gen hypotheresented and discussed and well know described. Practical Phytoalexine extraction in oilsed rape at the possibilities.	uses is described (spore germination, ng of pathogens, virus replication and incention, i.e. preformed and induced resistance, activation through the pathogens as red resistance(SAR) are presented. If aciens is described esis and its experimental proof will be wn genes of resistance will be and analysis by HPLC or TLC bioassay. Alledge of complex interactions between to formulate scientific questions and to	6 C/4 H PER SW Workload : 180 h Contact time: 56 h Self study time 124 h
requency	Duration	
Winter	One semester	
Language	Number of students	
	36	
English		
English Coordinators		