

Georg-August-University Göttingen

Master Program „Crop Protection“

Module M.Agr. 0058 „ Plant Herbivore Interactions“

Contents, Objectives Contents: Lecture: The module deals with the interactions between plants and herbivore insects. The diversity of the organisms concerned and the habitat will be presented. Different plant defense mechanisms including mechanisms of resistance to plant feeding insects are discussed. Sensory properties of insects for host plant recognition are described. Multiple interaction between plants, herbivore insects and their natural enemies and possible ways for use are discussed. The interactions between plants and pollinating insects will be presented. Seminar: Students present and discuss new research results in context with the topics dealt with in the lectures. Objectives: Knowledge of the complex interactions between plants and herbivore insects. Students will learn to develop, formulate and evaluate scientific problems and methods by preparing a seminar presentation on recent research topics.		C/H PER SW 6 C/4 H PER SW Workload : 180 h Contact time: 56 h Self study time: 124 h
Type of instruction and examination Lecture 38 h , practical 18 h Examination: Written test 45 minutes , seminar presentation ca 20 minutes Grade composition: Written test 67%, presentation 33%.		
Type of module Elective module	Entrance requirements none	
Frequency Winter	Duration One semester	
Language English	Number of students 20	
Coordinator Prof. Dr. M. Rostas		