

Georg-August-University Göttingen

MasterProgram „Crop Protection“

Modul M.Cp.0005 „Integrated Management of Pests and Diseases“

Contents, Objectives Contents: The integrated pest management concept and its main components are presented with regard to the management of fungal plant pathogens (A.v. Tiedemann) and insect pests (B. Ulber) in temperate zones: preventive methods, focused use of pesticides, effect of cultural methods (sowing date, soil preparation, fertilization, crop rotation, varieties) on occurrence, distribution and damage of plant pathogens and insect pests. Diagnosis and quantification of damage symptoms, prognosis systems are discussed. Objectives: Students will be able to understand and develop plant protection strategies for plant pathogens and insect pests taking into consideration crop production and cultural methods.		C/H PER SW insgesamt 6 C/4 H PER SW Workload : 180 h Contact time: 56 Self study time: 124
Type of instruction and examination Lecture Examination: Oral examination ca. 20 min.		
Type of module Elective module	Entrance requirements none	
Frequency Winter	Duration One semester	
Language English	Number of students 30	
Coordinators Prof. Dr. A. v. Tiedemann, Prof. Dr. M. Rostas		