

Georg-August-University Göttingen

Master Program „Crop Protection“

Module M.Cp.0012 „Weed Biology and Weed Management“

Contents, Objectives		C/H PER SW
<p>Contents: The module deals with the biology of weeds and management of weed populations. The botanical weed characteristics and population biology will be presented. Important weeds of Europe and other parts of the world will be presented and the damage caused discussed. Different methods of control are presented: chemical, physical control as well as preventive cultural methods. Actual problems in crop production caused by weeds are discussed. Legal and international aspects of weed dissemination, damage caused and methods of control will be discussed. In the seminar part students will present recent research papers from literature and discuss these in context with the topics presented in the lecture.</p> <p>Objectives: Knowledge of the main weed species, their characteristics, ecology, competition and damage. Students will understand the dynamics and parameters of weed populations. Knowledge of weed control methods, their possibilities and limitations. Students will be able to formulate criteria for selecting suitable weed management techniques. They will know how to theoretically work on a topic in weed science and understand international aspects of weed dissemination, populations and weed management.</p>		6 C/4 H PER SW Workload : 180 h Contact time: 60 h Self study time: 120 h
Type of instruction and examination		
Lecture 40 h, seminar 20 h		
Examination: Oral examination ca. 20 min., seminar presentation, ca. 20 min.		
Grade composition: Oral examination 67%, seminar presentation 33%		
Examination prerequisite: Seminar presentation		
Type of module	Entrance requirements	
Elective module	none	
Frequency	Duration	
Summer	One semester	
Language	Number of students	
English	20	
Coordinator		
Dr. Jean Wagner		