

Study Programme: Phytomedicine			
Course Unit Title: <i>Abiotic Diseases</i>			
Course Unit Code: 19.FTM015			
Name of Lecturer(s): Prof. Dragana Budakov, Teaching Assistant Tatjana Dudas			
Type and Level of Studies: Undergraduate academic studies			
Course Status (compulsory/elective): Compulsory			
Semester (winter/summer): summer			
Language of instruction: Serbian/English			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 4			
Prerequisites: None			
Course Aims: Acquiring knowledge about diseases caused by the influence of abiotic factors			
Learning Outcomes: Enabling students to identify abiotic plant diseases and protection measures.			
Syllabus:			
<i>Theory</i>			
Non-infectious diseases of economically important cultivated plants caused by abiotic factors (harmful effects of meteorological and edaphic conditions, nutrient deficiencies and excesses, and injuries caused by chemical agents used in agriculture). Diagnosis of symptoms of abiotic diseases. Measures for the prevention and management of abiotic diseases.			
<i>Practice</i>			
Recognition of symptoms of abiotic diseases. Differentiation between symptoms caused by abiotic factors and those resulting from biotic diseases.			
Required Reading:			
Balaž, F., Balaž, J., Tošić, M., Stojšin, V., Bagi, F. (2010): Phytopathology. Diseases of crops and vegetables (in Serbian). Faculty of Agriculture Novi Sad.			
Babović, M. (2003): Basics of plant pathology (in Serbian). University of Belgrade, Faculty of Agriculture.			
Maric, A. (1991): General Phytopathology (In Serbian). Novi Sad.			
Didactic materials from training course "Abiotic diseases" (Project 158875- TEMPUS-IT-TEMPUS-JPCR).			
<i>All materials will be provided in English on request.</i>			
Weekly Contact Hours: 3		Lectures: 1	Practical work: 2
Teaching Methods:			
Verbal methods (oral presentation and discussion), visual methods (demonstrations, presentations, illustrations), practical methods (laboratory and experimental work). Consultations. Seminars given by students.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	60
Practical work		oral exam	
Preliminary exam(s)	30	
Seminar(s)			
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			