

CODE BIOAGRI0 2		COURSE TITLE: GENETIC ENGINEERING		ECTS: 5	
COORDINATOR: ZBIGNIEW BRODA			DEPARTMENT: GENETICS AND PLANT BREEDING		
Course Category AGRICULTURE					
VOLUME (H) 45			PERSONAL WORK (H)		
LECTURE: (H) 30	PRACTICALS / LAB (H) 15	PLACEMENT: (H)	PROJECT (H)	OTHER MODALITIES (H)	
EVALUATION:		OTHER MODALITIES:		LECTURER(S)	
EVALUATION MODALITIES					
ORAL INDIVIDUAL REPORT					
WRITTEN INDIVIDUAL REPORT					
FINAL ORAL EXAM	x				
FINAL WRITTEN EXAM					
COMMENTS OF EVALUATION:			TEACHING METHODS:		
SEMESTER: WINTER			LANGUAGE: ENGLISH		
PERIOD: 15 WEEKS			YEAR OF STUDY: FIFTH		
OBJECTIVES					
<ul style="list-style-type: none"> • Plant's transgenesis • Plant's ingeniring and in vitro culture • Gene constructs 					
CONTENTS					
<ul style="list-style-type: none"> ▪Transformation of crop plants ▪Techniques for transformation ▪Improving products quality by transformation ▪Production pest- and disease-resistant transgenic plants and resistant to biotic stres ▪GMO and social aspects ▪GMO and regulations 					
GROUP SIZE: 20			PRE-REQUISES:		