

CODE : BIOAGRI 03		COURSE TITLE: GENETICS			ECTS: 6	
COORDINATOR: ZBIGNIEW BRODA			DEPARTMENT: GENETICS AND PLANT BREEDING			
Course Category AGRICULTURE						
VOLUME (H) 45				PERSONAL WORK (H)		
LECTURE: (H) 15	PRACTICALS / LAB (H) 30		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: SUMMER			LANGUAGE: ENGLISH			
PERIOD: 15 WEEKS			YEAR OF STUDY: SECOND			
OBJECTIVES						
<ul style="list-style-type: none"> • Mendel's and Morgan's genetics • Gene codes • Mutation 						
CONTENTS						
<ul style="list-style-type: none"> ▪ The physical bases of heredity ▪ Heredity and environment ▪ Mendel's principle ▪ Independent assortment ▪ Linkage, crossing over and chromosome maps ▪ Genic balance and chromosomes ▪ Heredity and development ▪ The determination of sex 						
GROUP SIZE: 20			PRE-REQUIRES:			