

CODE : HORT3	COURSE TITLE: SEED BIOLOGY		ECTS: 5	
COORDINATOR: PROF. DR. KRYSZYNA TYLKOWSKA		DEPARTMENT: HORTICULTURAL SEED SCIENCE AND TECHNOLOGY		
COURSE CATEGORY				
VOLUME (45 h)			PERSONAL WORK (h) 5	
LECTURE: (15 h)	PRACTICALS / LAB (10 h)	PLACEMENT: (h)	PROJECT: (15 h)	OTHER MODALITIES: (h)
EVALUATION:		OTHER MODALITIES:	LECTURER(S)	
EVALUATION MODALITIES			PROF. DR. KRYSZYNA TYLKOWSKA DR. HANNA DORNA	
ORAL INDIVIDUAL REPORT	X			
WRITTEN INDIVIDUAL REPORT	X			
FINAL ORAL EXAM				
FINAL WRITTEN EXAM	X			
COMMENTS OF EVALUATION: PRACTICALS ARE ASSESSED BASED ON TWO PRACTICAL CLASS REPORTS (ORAL AND WRITTEN FORM) AND WRITTEN TEST. A 2 h WRITTEN EXAMINATION CONSISTING OF 3 ESSAY TYPE ANSWER OUT OF CHOICE OF 5.		TEACHING METHODS: LECTURES, PRACTICALS, TUTORIALS, VISITING SEED TESTING STATION		
SEMESTER: WINTER		LANGUAGE: ENGLISH		
PERIOD: 15 WEEKS		YEAR OF STUDY: FIFTH		
OBJECTIVES				
<ul style="list-style-type: none"> ▪ TO INTRODUCE KNOWLEDGE ON MAIN BIOLOGICAL PROCESSES IN SEEDS. ▪ TO LEARN SEED TESTING AND INTERPRETATION OF ITS RESULTS IN ORDER TO UNDERSTAND ITS ROLE FOR SEED INDUSTRY, ESPECIALLY IN MAINTAINING AND IMPROVING SEED QUALITY 				
CONTENTS				
<ul style="list-style-type: none"> ▪ CHEMICAL AND PHYSIOLOGICAL FEATURES OF SEED. ▪ VIABILITY AND VIGOUR OF SEEDS AND METHODS FOR THEIR DETERMINATION. ▪ LONGEVITY AND DETERIORATION OF SEEDS. ▪ SEED DORMANCY. ▪ MAINTAINING AND IMPROVING SEED QUALITY. 				
GROUP SIZE:		PRE-REQUIRES: BIOLOGY OF PLANT REPRODUCTION, SEED INDUSTRY		