

CODE: BIOAGRI22	COURSE TITLE: MATHEMATICAL STATISTICS			ECTS: 6
COORDINATOR STANISLAW MEJZA		DEPARTMENT MATHEMATICAL AND STATISTICAL METHODS		
COURSE CATEGORY				
VOLUME: (H) 30			PERSONAL WORK (H) 30	
LECTURE: (H) 15	PRACTICALS /LAB (H) 15	PLACEMENT: (H)	PROJECT: (H)	OTHER MODALITIES: (H)
EVALUATION:		OTHER MODALITIES:		LECTURER(S)
EVALUATION MODALITIES				
ORAL INDIVIDUAL REPORT				
WRITTEN INDIVIDUAL REPORT	x			
FINAL ORAL EXAM				
FINAL WRITTEN EXAM	x			
COMMENTS OF EVALUATION:		TEACHING METHODS: LECTURE AND PRACTICALS		
SEMESTER: WINTER		LANGUAGE: ENGLISH		
PERIOD: 15 WEEKS		YEAR OF STUDY: SECOND OR THIRD		
OBJECTIVES				
STUDENTS WILL ACQUIRE A BASIC KNOWLEDGE OF MATHEMATICAL STATISTICS THAT ARE USED IN APPLIED RESEARCH				
CONTENTS				
<ul style="list-style-type: none"> ▪ BASIC PROBABILITY, ▪ DISCRETE AND CONTINUOUS RANDOM VARIABLES, ▪ MOMENTS, ▪ SPECIAL DISCRETE AND CONTINUOUS DISTRIBUTIONS, ▪ SAMPLING THEORY, ▪ LINEAR STATISTICAL ESTIMATION, ▪ CONFIDENCE INTERVALS, ▪ TESTING PARAMETRIC STATISTICAL HYPOTHESES, ▪ TESTING NONPARAMETRIC STATISTICAL HYPOTHESES 				
GROUP SIZE: 15		PRE-REQUIRES:		