

CODE: BIOAGRI23	COURSE TITLE: APPLIED 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 STATISTICAL TECHNIQUES THAT ARE MAINLY USED IN APPLIED RESEARCH				
CONTENTS				
<ul style="list-style-type: none"> ▪ DESCRIPTIVE STATISTICS, ▪ DESCRIPTIVE ANALYSIS AND VISUALIZATION SINGLE-VARIABLE DATA, ▪ DESCRIPTIVE ANALYSIS AND VISUALIZATION OF BIVARIATE DATA, ▪ INTRODUCTION TO DISCRETE AND CONTINUOUS RANDOM VARIABLES, ▪ EXAPLES OF DISCRETE AND CONTINUOUS RANDOM VARIABLES, ▪ INFERENCE STATISTICS, ▪ INVERENCE INVOLVING ONE OR TWO POPULATIONS, ▪ ELEMENTS OF NONPARAMETRIC STATISTICS, ▪ LINEAR CORRELATION AND REGRESSION ANALYSIS 				
GROUP SIZE: 15		PRE-REQUIRES:		