

CODE : BIOHUM 09		COURSE TITLE: IMMUNOCHEMICAL METHODS IN RESEARCH AND FOOD ANALYSIS		ECTS: 3	
COORDINATOR: DOROTA PIASECKA-KWIATKOWSKA			DEPARTMENT: FOOD SCIENCE AND NUTRITION		
COURSE CATEGORY					
VOLUME(H) 30				PERSONAL WORK (H)	
LECTURE: (H) 15	PRACTICALS /LAB (H) 15		PLACEMENT: (H)	PROJECT: (H)	OTHER MODALITIES: (H)
EVALUATION:		OTHER MODALITIES:		LECTURER(S)	
EVALUATION MODALITIES				DOROTA PIASECKA - KWIATKOWSKA	
ORAL INDIVIDUAL REPORT					
WRITTEN INDIVIDUAL REPORT					
FINAL ORAL EXAM					
FINAL WRITTEN EXAM		X			
COMMENTS OF EVALUATION:			TEACHING METHODS: LECTURES AND PRACTICALS		
SEMESTER: WINTER OR SUMMER			LANGUAGE: ENGLISH		
PERIOD: 2 WEEKS			YEAR OF STUDY: THIRD OR FOURTH		
OBJECTIVES					
INTRODUCTION TO IMMUNOCHEMISTRY AND OVERVIEW OF METHODS USEFUL IN RESEARCH AND FOOD ANALYSIS					
CONTENTS					
<ul style="list-style-type: none"> ▪ INTRODUCTION TO IMMUNOCHEMISTRY: ANTIGEN, HAPTEN, POLYCLONAL ANTIBODY, MONOCLONAL ANTIBODY ▪ METHODS USE PRIMARY INTERACTION BETWEEN ANTIGEN AND ANTIBODY ▪ METHODS USE SECONDARY INTERACTION BETWEEN ANTIGEN AND ANTIBODY ▪ DIFFERENT FORMATS OF ELISA ▪ OVERVIEW METHODS USEFULL IN FOOD ANALYSIS ▪ COMMERCIALY AVAILABLE KITS FOR DIFFERENT FOOD TECHNOLOGY SECTORS 					
GROUP SIZE: 15			PRE-REQUISES: BIOCHEMISTRY		