

CODE ANIMBIO1	COURSE TITLE: ULTRASOUND DIAGNOSIS IN FARM ANIMALS		ECTS: 2	
COORDINATOR: PIOTR ŚLÓSZARZ		DEPARTMENT: SHEEP, GOATS AND FUR ANIMALS BREEDING		
COURSE CATEGORY				
VOLUME: (H) 15			PERSONAL WORK (H)	
LECTURE: (H) 15	PRACTICALS / LAB (H)	PLACEMENT: (H)	PROJECT: (H)	OTHER MODALITIES: (H)
EVALUATION:		OTHER MODALITIES:	LECTURER(S)	
EVALUATION MODALITIES				
ORAL INDIVIDUAL REPORT	X			
WRITTEN INDIVIDUAL REPORT				
FINAL ORAL EXAM				
FINAL WRITTEN EXAM				
COMMENTS OF EVALUATION:		TEACHING METHODS: LECTURE, PRACTICALS, VISITING FARM		
SEMESTER: SUMMER		LANGUAGE: ENGLISH		
PERIOD: 7 WEEKS		YEAR OF STUDY: FOURTH		
OBJECTIVES				
BASIC KNOWLEDGE ABOUT ULTRASOUND TECHNIQUE WITH SOME PRACTICAL SKILL IN ULTRASOUND FARM ANIMAL EXAMINATION				
CONTENTS				
<ul style="list-style-type: none"> ▪ THEORETICAL PRINCIPLES OF ULTRASONOGRAPHY AND METHODS OF IMAGE PRESENTATION, ▪ APPLICATION OF ULTRASONOGRAPHY IN CARCASS QUALITY EVALUATION INCLUDING ESTIMATION OF INTRAMUSCULAR FAT CONTENT, ▪ APPLICATION IN PREGNANCY DIAGNOSIS INCLUDING FETAL MEASUREMENTS ▪ EXAMINATION OF UDDER MORPHOLOGY INCLUDING TEAT-CANAL MEASUREMENTS 				
GROUP SIZE: 15		PRE-REQUIRES:		