

CODE <b>BIOAGRI 08</b>	COURSE TITLE: <b>MATHEMATICAL ANALYSIS</b>		ECTS: <b>4</b>	
COORDINATOR: <b>HANNA KIELCZEWSKA</b>		DEPARTMENT: <b>STATISTICAL AND MATHEMATICAL METHODS</b>		
<b>Course Category AGRICULTURE</b>				
VOLUME (H) <b>60</b>			PERSONAL WORK (H)	
LECTURE: (H) <b>30</b>	PRACTICALS / LAB(H) <b>30</b>	PLACEMENT: (H)	PROJECT (H)	OTHER MODALITIES: (H)
EVALUATION:		OTHER MODALITIES:	LECTURER(S)	
EVALUATION MODALITIES				
ORAL INDIVIDUAL REPORT				
WRITTEN INDIVIDUAL REPORT	<b>x</b>			
FINAL ORAL EXAM				
FINAL WRITTEN EXAM	<b>x</b>			
COMMENTS OF EVALUATION:		TEACHING METHODS:		
SEMESTER: <b>WINTER</b>		LANGUAGE: <b>ENGLISH</b>		
PERIOD: <b>15 WEEKS</b>		YEAR OF STUDY: <b>FIRST</b>		
<b>OBJECTIVES</b>				
Course of Mathematical Analysis should provide a better mathematical reasoning and a tool on resolution of the problems using this Science				
<b>CONTENTS</b>				
<ul style="list-style-type: none"> <li>▪ Real functions and their properties.</li> <li>▪ Differential calculus</li> <li>▪ Integral Calculus</li> <li>▪ Differential Equations</li> </ul>				
GROUP SIZE: <b>20</b>		PRE-REQUISITES:		