



STUDY PLAN  
 Study year : 1 (2022/2023)

I. Compulsatory courses

Nr.	Courses	Cod	Semester 1 (14 weeks)						Semester 2 (14 weeks)								
			C	S	L	P	Cr	FV	C	S	L	P	Cr	FV			
1	Multi-omics applications in biotechnology	0311010101	1		2	1	8	E									
2	Microbial biotechnologies	0311010102	2		2		8	E									
3	Genomics	0311010103	2		2		7	E									
4	Nutritional genomics	0311010104	1		1		4	E									
5	Ethics and academic integrity	0311010105	1		1		3	V									
6	Marker Assisted Selection in Animal Populations	0311010106							1		1	2	8	E			
7	Embryo biotechnology	0311010107							2		2		8	E			
8	Molecular techniques for food authentication and GMO detection	0311010108							1		2		7	E			
9	Bioinformatics and biostatistics	0311010109							1		2	1	7	V			
<b>Total: hours/weeks</b>			7	1	7	1			5	0	7	3					
<b>Total: hours/credits/year</b>			16			30			4E, IV			30			3E, IV		

DEAN,  
 Prof. Daniel S. BEZMIREAN PhD



PROGRAM COORDINATOR  
 Prof. Andreea BUNEA PhD



VICE RECTOR  
 Prof. Ioana POP PhD





RECTOR  
 Prof. Cornel CĂTOI PhD

SENATE PRESIDENT  
 Prof. Viorel MITRE PhD



**STUDY PLAN**  
**Study year : 2 (2023/2024)**

**I. Compulsatory courses**

Nr.	Courses	Cod	Semester 1 (14 weeks)							Semester 2 (12 weeks)								
			hours/week							hours/weeks								
			C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV				
1	Principles and isolation techniques of metabolites from natural matrices	0311020101	2		2			8	E									
2	Biotechnology of fermentative products	0311020102	2		2			8	E									
3	Biotechnology application in entomology	0311020103	2		2			8	E									
4	Applied bioeconomy and entrepreneurship	0311020104	1		1			6	E									
5	Biomaterials-practical application	0311020105								2							7	
6	Biodinamics of natural pigments	0311020106								2							6	
7	Scientific research	0311020107															12	
8	Elaboration of the dissertation project	0311020108															5	
Total hours/credits/week			7	1	6	0	30	4E	4	4							30	
Total / semester / year			14							30							8	30

**II. Dissertation exam**

Dissertation exam promotion																		156 hours
																		10

VICE RECTOR  
 Prof. Ioana POP PhD

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 Prof Daniel S. DEZMIREAN PhD

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 Prof. Andreea BUNEA PhD