

University of Life Sciences "King Mihai I" from Timișoara  
**Faculty of Bioengineering of Animal Resources**  
**Bachelor's Degree Studies**  
 Field: **Biotechnology**  
 Study Program: **Agriculture Biotechnology**  
 Form of Education: **Full-time**  
 Duration of the Program: **4 years / 8 semesters**

**Approved by the RECTOR**  
 Prof. Eng. Cosmin Alin POPESCU, PhD.

Date: .....

**CURRICULUM / ACADEMIC PLAN**  
**for the 4th year of study, university year 2025-2026**

No.	SUBJECT	Subject Code	Semester 7 (14 weeks)										Semester 8 (14 weeks)										Total / year		
			L	S	Lab	P	Total Teaching Hours (T.T.H.)	Cv. Hours	I.S. Hours	ECTS credits	E.F.	C	S	L	P	Total Teaching Hours (T.T.H.)	Hours Cv.	I.S. Hours	ECTS credits	E.F.	Cv. Hours	ECTS credits	I.S. Hours		
<b>COMPULSORY Courses:</b>																									
1	Technology of biosynthesis products I	BA.01.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
2	Genetic engineering I	BA.02.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
3	Management and marketing of biotechnological products I	BA.03.S.DOB.7	2	1	-	-	42	70	83	5	C	-	-	-	-	-	-	-	-	-	-	70	5	83	
4	Biotechnologies in animal nutrition	BA.04.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
5	Biotechnologies in aquaculture	BA.05.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
6	Plant biotechnologies	BA.06.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
7	Technology of biosynthesis products II	BA.07.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
8	Genetic engineering II	BA.08.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
9	Management and marketing of biotechnological products II	BA.09.S.DOB.8	-	-	-	-	-	-	-	-	-	2	2	-	-	56	84	19	3	C	84	3	19		
10	Biotechnologies for waste valorization	BA.10.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
11	Biotechnological processing of animal productions	BA.11.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
12	Accounting and economic-financial analysis	BA.12.C.DOB.8	-	-	-	-	-	-	-	-	-	2	1	-	-	42	70	33	3	C	70	3	33		
13	DIPLOMA project writing	BA.13.S.DOB.8	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	24	6	C	0	6	24		
<b>TOTAL</b>			12	1	10	0	322	490	428	30	5E+1C	12	3	8	0	322	490	302	30	4E+3C	980	60	730		
-	<b>DIPLOMA DEFENSE</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	E	-	10	-		
<b>FACULTATIVE (OPTIONAL) subjects:</b>																									
1	Fundamentals of Entrepreneurship / Business Start-up / Entrepreneurship	BA.01.C.DFA.7	1	2	-	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	56	3	0		
2	Innovative Entrepreneurship / Entrepreneurship in Animal Husbandry / Entrepreneurial Design	BA.02.C.DFA8	-	-	-	-	-	-	-	-	-	1	2	-	-	42	56	-	3	C	56	3	0		
3	Driving of Motor Vehicles I	BA.03.C.DFA.7	1	-	2	-	42	56	-	2	C	-	-	-	-	-	-	-	-	-	56	2	0		
4	Driving of Motor Vehicles II	BA.04.C.DFA.8	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	-	2	C	56	2	0		
Legend: L - no. of lecture hours per week; S - no. of seminar hours per week; Lab - no. of practical work/laboratory hours per week; P - no. of project hours per week; Cv. hours Conventional hours; CR - ECTS credits; I.S. Hours - Individual Study hours; E.F. - evaluation form: E - exam; C - colloquium; P - Project; Program Code: SB - Sustainable Biotechnology / Subject order / Formative category of the Subject: F - Fundamental; C - Complementary; D - Field-related; S - Specialty / Semester: 1-8.			Total activity hours / semester:	I.S. Hours / Cv. Hours	No. of weeks / semester	Teaching hours / week	Teaching hours / semester	I.S. Hours / semester	Total activity hours / semester:	I.S. Hours / Cv. Hours	No. of weeks / semester	Teaching hours / week	Teaching hours / semester	I.S. Hours / semester											
			750	0.873	14	23	322	428	750	0.616	14	23	322	302											

**Approved by the DEAN,**  
 Prof. Dipl.Eng. Ioan PETI, PhD.  
 Data: 08.07.2025