

University of Life Sciences "King Mihai I" from Timișoara  
**Faculty of Bioengineering of Animal Resources**  
 Bachelor's Degree Studies  
 Field: **ANIMAL HUSBANDRY**  
 Study Program: **ANIMAL HUSBANDRY**  
 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 1st year of study, university year 2025-2026**

No.	SUBJECT	Subject Code	Semester 1 (14 weeks)									Semester 2 (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	Anatomy, histology, and embryology I	Z.01.F.DOB.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69
2	Biochemistry I	Z.02.F.DOB.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69
3	Mathematics and statistics	Z.03.F.DOB.1	1	1	-	-	28	42	22	2	E	-	-	-	-	-	-	-	-	-	42	2	22
4	General agriculture	Z.04.S.DOB.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69
5	Ecology and environmental protection	Z.05.F.DOB.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69
6	Anatomy, histology, and embryology II	Z.06.F.DOB.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69
7	Biochemistry II	Z.07.F.DOB.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69
8	Cell biology	Z.08.F.DOB.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69
9	Forage production and preservation	Z.09.S.DOB.2	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	98	5	55
10	Biophysics	Z.10.F.DOB.2	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	33	3	C	70	3	33
11	Experimental techniques and bioethics	Z.11.S.DOB.2	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	8	2	C	56	2	8
12	Informatics/Computer science	Z.12.F.DOB.2	-	-	-	-	-	-	-	-	-	0	2	-	-	28	28	22	2	C	28	2	22
13	Practical Training	Z.13.S.DOB.2	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	15	3	C	0	3	15
-	<b>ELECTIVE subjects I</b>	-	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	28	3	47
-	<b>ELECTIVE subjects II</b>	-	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69
<b>TOTAL</b>			11	5	8	0	336	490	414	30	5E+2C	11	2	11	1	350	504	340	30	4E+4C	994	60	754
<b>ELECTIVE subjects I (choose 1 out of 3):</b>			<b>24</b>									<b>25</b>									<b>35.5</b>		
14	Foreign language 1 (English)	Z.14.C.DOP.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	28	3	47
15	Foreign language 2 (French)	Z.15.C.DOP.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	28	3	47
16	Foreign language 3 (German)	Z.16.C.DOP.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	28	3	47
<b>ELECTIVE subjects II (choose 1 out of 2):</b>																							
17	General biology	Z.17.S.DOP.1	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69
18	Legislation in the field of study	Z.18.S.DOP.1	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69
<b>FACULTATIVE (OPTIONAL) subjects:</b>																							
1	Physical education I	Z.01.C.DFA.1	0	1	-	-	14	14	-	1	C	-	-	-	-	-	-	-	-	-	14	1	0
2	Educational psychology	DPPD.02.C.DFA.1	2	2	-	-	56	84	-	5	E	-	-	-	-	-	-	-	-	-	84	5	0
3	Physical Education II	Z.03.C.DFA.2	-	-	-	-	-	-	-	-	-	0	1	-	-	14	14	-	2	C	14	2	0
4	Pedagogy I (Fundamentals of Pedagogy. Theory and Methodology of the Curriculum)	DPPD.04.C.DFA.2	-	-	-	-	-	-	-	-	-	2	2	-	-	56	84	-	5	E	84	5	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.																							
			<b>750</b>	<b>0.845</b>	<b>14</b>	<b>24</b>	<b>336</b>		<b>414</b>			<b>750</b>	<b>0.675</b>	<b>14</b>	<b>25</b>	<b>350</b>		<b>340</b>					

**Approved by the DEAN,**  
 Prof. Dipl.Eng. Ioan PETJ, PhD.

Date: 08.07.2025□

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 Bachelor's Degree Studies  
 Field: **ANIMAL HUSBANDRY**  
 Study Program: **ANIMAL HUSBANDRY**  
 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 2nd year of study, university year 2024-2025**

No.	SUBJECT	Subject Code	Semester 3 (14 weeks)									Semester 4 (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	Genetics I	Z.01.S.DOB.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69
2	Physiology I	Z.02.S.DOB.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69
3	Animal reproduction I	Z.03.S.DOB.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69
4	Animal husbandry machinery and equipment	Z.04.S.DOB.3	2	-	1	-	42	70	58	4	E	-	-	-	-	-	-	-	-	-	70	4	58
5	Microbiology	Z.05.F.DOB.3	2	-	2	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69
6	Communication	Z.06.C.DOB.3	1	1	-	-	28	42	22	2	C	-	-	-	-	-	-	-	-	-	42	2	22
7	Genetics II	Z.07.S.DOB.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69
8	Physiology II	Z.08.S.DOB.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69
9	Animal Reproduction II	Z.09.S.DOB.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69
10	Animal Breeding I	Z.10.S.DOB.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44
11	Animal hygiene and welfare	Z.11.S.DOB.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	C	84	4	44
12	Animal pathology and veterinary techniques	Z.12.S.DOB.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	C	84	4	44
13	Practical training	Z.13.S.DOB.4	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	15	3	C	0	3	15
-	<b>ELECTIVE subjects</b>	-	2	-	1	1	56	84	44	4	C	-	-	-	-	-	-	-	-	-	84	4	44
<b>TOTAL</b>			13	1	10	1	350	532	400	30	4E+3C	12	0	12	0	336	504	354	30	4E+3C	1036	60	754
<b>ELECTIVE subjects (choose 1 out of 2):</b>																							
14	Animal husbandry constructions	Z.14.S.DOP.3	2	-	1	1	56	84	44	4	C	-	-	-	-	-	-	-	-	-	84	4	44
15	Entrepreneurial behavior	Z.15.S.DOP.3	2	2	-	-	56	84	44	4	C	-	-	-	-	-	-	-	-	-	84	4	44
<b>FACULTATIVE (OPTIONAL) subjects:</b>																							
1	Ethology	Z.01.S.DFA.3	1	-	2	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	56	3	0
2	Pedagogy II (Theory and methodology of instruction. Theory and methodology of assessment)	DPPD.02.C.DFA.3	2	2	-	-	56	84	-	5	E	-	-	-	-	-	-	-	-	-	84	5	0
3	Subject-specific didactics	DPPD.03.C.DFA.4	-	-	-	-	-	-	-	-	-	2	2	-	-	56	84	-	5	E	84	5	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	0.752	14	25	350		400		750	0.702	14	24	336		354						

**Approved by the DEAN,**  
 Prof. Dipl.Eng. Ioan PET, PhD.  
 Date: 08.07.2025

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Date: .....

**CURRICULUM / ACADEMIC PLAN**  
**for the 3rd year of study, university year 2025-2026**

No.	SUBJECT	Subject Code	Semester 5 (14 weeks)									Semester 6 (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	Animal nutrition and feeding I	Z.01.S.DOB.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
2	Animal breeding II	Z.02.S.DOB.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
3	Rabbit, Fur, and Game animal husbandry	Z.03.S.DOB.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
4	Aquaculture	Z.04.S.DOB.5	2	-	2	-	56	84	44	4	E	-	-	-	-	-	-	-	-	-	-	84	4	44
5	Reproductive biotechnologies in animals	Z.05.S.DOB.5	1	-	1	-	28	42	47	3	E	-	-	-	-	-	-	-	-	-	-	42	3	47
6	Sericulture	Z.06.S.DOB.5	2	-	1	-	42	56	33	3	C	-	-	-	-	-	-	-	-	-	-	56	3	33
7	Ethics and academic integrity	Z.07.C.DOB.5	1	-	-	-	14	28	36	2	C	-	-	-	-	-	-	-	-	-	-	28	2	36
8	Animal nutrition and feeding II	Z.08.S.DOB.6	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	98	5	55	
9	Animal husbandry technology - Horse	Z.09.S.DOB.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	19	3	E	84	3	19	
10	Apiculture	Z.10.S.DOB.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
11	Animal husbandry technology - Poultry 1	Z.11.S.DOB.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69	
12	Marketing	Z.12.S.DOB.6	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	C	70	4	58	
13	Practical Training	Z.13.S.DOB.6	-	-	-	-	-	-	-	-	-	-	-	120	-	-	-	5	5	C	0	5	5	
-	<b>ELECTIVE subjects I</b>	-	1	-	1	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	-	42	3	47
-	<b>ELECTIVE subjects II</b>	-	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
<b>TOTAL general</b>			13	0	11	0	336	504	414	30	5E+3C	12	0	11	1	336	504	294	30	5E+2C	1008	60	708	
<b>ELECTIVE subjects I (choose 1 out of 3):</b>																								
14	Accounting and economic-financial analysis	Z.14.C.DOP.5	1	-	1	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	-	42	3	47
15	Career counseling and guidance	Z.15.C.DOP.5	1	-	1	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	-	42	3	47
16	Organizational culture and behavior	Z.16.C.DOP.5	1	-	1	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	-	42	3	47
<b>ELECTIVE subjects II (choose 2 out of 3):</b>																								
17	Technology of artificial insemination	Z.17.S.DOP.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
18	Technology of compound feed production	Z.18.S.DOP.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
<b>FACULTATIVE (OPTIONAL) subjects:</b>																								
1	Bioinformatics	Z.01.C.DFA.5	1	-	2	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	-	56	3	0
2	Equitation	Z.02.S.DFA.6	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	-	3	C	56	3	0	
3	Computer-Assisted Instruction	DPPD.03.C.DFA.5	1	1	-	-	28	42	-	2	C	-	-	-	-	-	-	-	-	-	-	42	2	0
4	Pedagogical practice in compulsory pre-university education (I)	DPPD.04.C.DFA.5	0	3	-	-	42	42	-	3	C	-	-	-	-	-	-	-	-	-	-	42	3	0
5	Classroom management	DPPD.05.C.DFA.6	-	-	-	-	-	-	-	-	-	1	1	-	-	28	42	-	3	E	42	3	0	
6	Pedagogical practice in compulsory pre-university education (I)	DPPD.06.C.DFA.6	-	-	-	-	-	-	-	-	-	0	3	-	-	36	36	-	2	C	36	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	0.821	14	24	336	414			750	0.583	14	24	336	294								

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

University of Life Sciences "King Mihai I" from Timișoara  
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**Bachelor's** Degree Studies  
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 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	Animal husbandry technology – Cattle I	Z.01.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69	
2	Animal husbandry technology – Sheep and Goats I	Z.02.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69	
3	Animal husbandry technology – Swine I	Z.03.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69	
4	Animal husbandry technology – Poultry II	Z.04.S.DOB.7	2	-	2	1	70	98	55	5	E	-	-	-	-	-	-	-	-	-	98	5	55	
5	Technology of animal-origin products I	Z.05.S.DOB.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69	
6	Animal husbandry technology – Cattle II	Z.06.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	98	5	55	
7	Animal husbandry technology – Sheep and Goats II	Z.07.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	98	5	55	
8	Animal husbandry technology – Swine II	Z.08.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	98	5	55	
9	Technology of animal-origin products II	Z.09.S.DOB.8	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69	
10	DIPLOMA project writing	Z.10.S.DOB.8	-	-	-	-	-	-	-	-	-	-	-	126	-	-	-	24	6	C	0	6	24	
-	<b>ELECTIVE subjects I</b>	-	2	-	2	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69	
-	<b>ELECTIVE subjects II</b>	-	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	E	70	4	58	
<b>TOTAL</b>			12	0	12	1	350	518	400	30	5E+1C	10	0	9	3	308	448	316	30	5E+1C	966	60	716	
																						34.5		
-	<b>DIPLOMA DEFENSE</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	E	-	10	-	
<b>ELECTIVE subjects I (choose 1 out of 2):</b>																								
11	Management	Z.11.S.DOP.7	2	-	-	2	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69	
12	Fundamentals of entrepreneurship	Z.12.S.DOP.7	2	-	-	2	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69	
<b>ELECTIVE subjects II (choose 1 out of 2):</b>																								
13	Management and conservation of genetic	Z.13.S.DOP.8	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	C	70	4	58	
14	Traceability	Z.14.S.DOP.8	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	C	70	4	58	
<b>Discipline FACULTATIVE</b>																								
1	Business Start-up / Entrepreneurship	Z.01.C.DFA.8	1	2	-	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	56	3	0	
2	Innovative entrepreneurship / Entrepreneurship in animal husbandry / Entrepreneurial design	Z.02.C.DFA.8	-	-	-	-	-	-	-	-	-	1	2	-	-	42	56	-	3	C	56	3	0	
3	Driving of motor vehicles I	Z.03.C.DFA.7	1	-	2	-	42	56	-	2	C	-	-	-	-	-	-	-	-	-	56	2	0	
4	Driving of motor vehicles II	Z.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	0.772	14	25	350	400		750	0.705	14	22	308	316									

**Approved by the DEAN,**  
 Prof. Dipl.Eng. Ioan PETȚ, PhD.  
 Date: 08.07.2021