

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 2024-2025**

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.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	-	-	84	5	69
2	Biochemistry I	Z.02.F.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	-	-	84	5	69
3	Mathematics and statistics	Z.03.F.1	1	1	-	-	28	42	22	2	E	-	-	-	-	-	-	-	-	-	-	-	-	42	2	22
4	General agriculture	Z.04.D.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	-	-	84	5	69
5	Ecology and environmental protection	Z.05.F.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	-	-	84	5	69
6	Anatomy, histology, and embryology II	Z.06.F.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	-	-	-	84	5	69
7	Biochemistry II	Z.07.F.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	-	-	-	84	5	69
8	Cell biology	Z.08.F.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	-	-	-	84	5	69
9	Forage production and preservation	Z.09.D.2	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	-	-	-	98	5	55
10	Biophysics	Z.10.F.2	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	33	3	C	-	-	-	70	3	33
11	Experimental techniques and bioethics	Z.11.D.2	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	8	2	C	-	-	-	56	2	8
12	Informatics/Computer science	Z.12.F.2	-	-	-	-	-	-	-	-	-	0	2	-	-	28	28	22	2	C	-	-	-	28	2	22
13	Practical Training	Z.13.S.2	-	-	-	-	-	-	-	-	-	-	-	2.14	-	60	60	15	3	C	-	-	-	60	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	410	564	340	30	4E+4C	1054	37.64	60	754		
<b>ELECTIVE subjects I (choose 1 out of 3):</b>																										
14	Foreign language 1 (English)	Z.14.C.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	-	-	-	28	3	47
15	Foreign language 2 (French)	Z.15.C.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	-	-	-	28	3	47
16	Foreign language 3 (German)	Z.16.C.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.D.1	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	-	-	84	5	69
18	Legislation in the field of study	Z.18.D.1	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	-	-	84	5	69
<b>FACULTATIVE (OPTIONAL) subjects:</b>																										
1	Physical education I	Z.01.C.1	0	1	-	-	14	14	-	1	C	-	-	-	-	-	-	-	-	-	-	-	-	14	1	0
2	Educational psychology	DPPD.02.C.1	2	2	-	-	56	84	-	5	E	-	-	-	-	-	-	-	-	-	-	-	-	84	5	0
3	Physical Education II	Z.03.C.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.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.			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	0.845	14	24	336	414	750	0.603	14	25	350	340												

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

Date: June 28, 2024

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 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.F.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
2	Physiology I	Z.02.F.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
3	Animal reproduction I	Z.03.D.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69	
4	Animal husbandry machinery and equipment	Z.04.D.3	2	-	1	-	42	70	58	4	E	-	-	-	-	-	-	-	-	-	-	70	4	58	
5	Animal husbandry constructions	Z.05.D.3	2	-	1	1	56	84	44	4	C	-	-	-	-	-	-	-	-	-	-	84	4	44	
6	Microbiology	Z.06.F.3	2	-	2	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	84	5	69	
7	Communication	Z.07.C.3	1	1	-	-	28	42	22	2	C	-	-	-	-	-	-	-	-	-	-	42	2	22	
8	Genetics II	Z.08.F.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
9	Physiology II	Z.09.F.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
10	Animal Reproduction II	Z.10.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
11	Animal Breeding I	Z.11.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
12	Animal hygiene and welfare	Z.12.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	C	84	4	44		
13	Animal pathology and veterinary techniques	Z.13.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	C	84	4	44		
14	Practical training	Z.14.S.4	-	-	-	-	-	-	-	-	-	-	-	2.14	-	60	60	15	3	C	60	3	15		
<b>TOTAL</b>			13	1	10	1	350	532	400	30	4E+3C	12	0	12	0	396	564	354	30	4E+3C	1096	60	754		
			<b>25</b>									<b>24</b>										39.14			
<b>FACULTATIVE (OPTIONAL) subjects:</b>																									
1	Ethology	Z.01.D.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.3	2	2	-	-	56	84	-	5	E	-	-	-	-	-	-	-	-	-	-	84	5	0	
3	Subject-specific didactics	DPPD.03.C.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	0.628	14	24	336		354							

**Approved by the DEAN,**  
 Prof. Dipl.Eng. Ioan PET, PhD.  
 Date: June 28, 2024

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 Bachelor's Degree Studies  
 Field: **ANIMAL HUSBANDRY**  
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**Approved by the RECTOR**  
 Prof. Eng. Cosmin Alin POPESCU, PhD.

Date: .....

**CURRICULUM / ACADEMIC PLAN**  
**for the 3rd year of study, university year 2024-2025**

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.D.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
2	Animal breeding II	Z.02.D.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
3	Rabbit, Fur, and Game animal husbandry	Z.03.S.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
4	Aquaculture	Z.04.S.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
5	Reproductive biotechnologies in animals	Z.05.D.5	1	-	1	-	28	42	72	4	E	-	-	-	-	-	-	-	-	-	-	-	-	72
6	Sericulture	Z.06.S.5	2	-	1	-	42	56	33	3	C	-	-	-	-	-	-	-	-	-	-	56	3	33
7	Animal nutrition and feeding II	Z.07.D.6	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	98	5	55	
8	Animal husbandry technology - Horse	Z.08.S.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
9	Apiculture	Z.09.S.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
10	Animal husbandry technology - Poultry 1	Z.10.S.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69	
11	Marketing	Z.11.D.6	-	-	-	-	-	-	-	-	-	2	1	-	-	42	70	33	3	C	70	3	33	
12	Practical Training	Z.12.S.6	-	-	-	-	-	-	-	-	-	-	-	4.28	-	120	120	5	5	C	120	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>			12	0	11	0	322	476	428	30	5E+2C	12	1	10.00	1	456	624	294	30	5E+2C	1058 37.78571	56	722	
<b>ELECTIVE subjects I (choose 1 out of 3):</b>																								
13	Accounting and economic-financial analysis	Z.13.C.5	1	1	-	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	-	42	3	47
14	Career counseling and guidance	Z.14.C.5	1	1	-	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	-	42	3	47
15	Organizational culture and behavior	Z.15.C.5	1	1	-	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	-	42	3	47
<b>ELECTIVE subjects II (choose 2 out of 3):</b>																								
16	Technology of artificial insemination	Z.16.D.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
17	Technology of compound feed production	Z.17.D.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
18	Ethics and academic integrity	Z.18.D.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44	
<b>FACULTATIVE (OPTIONAL) subjects:</b>																								
1	Bioinformatics	Z.01.C.5	1	-	2	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	-	56	3	0
2	Equitation	Z.02.S.6	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	-	3	C	56	3	0	
3	Computer-Assisted Instruction	DPPD.03.C.5	1	1	-	-	28	42	-	2	C	-	-	-	-	-	-	-	-	-	-	42	2	0
4	Pedagogical practice in compulsory pre-university education (I)	DPPD.04.C.5	0	3	-	-	42	42	-	3	C	-	-	-	-	-	-	-	-	-	-	42	3	0
5	Classroom management	DPPD.05.C.6	-	-	-	-	-	-	-	-	-	1	1	-	-	28	42	-	3	E	42	3	0	
6	Pedagogical practice in compulsory pre-university education (I)	DPPD.06.C.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	0.899	14	23	322	428		750	0.471	14	24	336	294									

**Approved by the DEAN,**  
 Prof. Dipl.Eng. Ioan PETI, PhD.  
 Date: June 28, 2024

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 4th year of study, university year 2024-2025**

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.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69		
2	Animal husbandry technology – Sheep and Goats I	Z.02.S.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69		
3	Animal husbandry technology – Swine I	Z.03.S.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69		
4	Animal husbandry technology – Poultry II	Z.04.S.7	2	-	2	1	70	98	55	5	E	-	-	-	-	-	-	-	-	-	-	98	5	55		
5	Technology of animal-origin products I	Z.05.S.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69		
6	Management	Z.06.D.7	2	-	-	2	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	84	5	69		
7	Animal husbandry technology – Cattle II	Z.07.S.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	80	6	E	98	6	80			
8	Animal husbandry technology – Sheep and Goats II	Z.08.S.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	80	6	E	98	6	80			
9	Animal husbandry technology – Swine II	Z.09.S.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	80	6	E	98	6	80			
10	Technology of animal-origin products II	Z.10.S.8	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69			
11	DIPLOMA project writin	Z.11.S.8	-	-	-	-	-	-	-	-	-	-	-	2.14	-	60	60	15	3	C	60	3	15			
-	<b>ELECTIVE subjects</b>	-	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	E	70	4	58			
<b>TOTAL</b>			12	0	10	3	350	518	400	30	5E+1C	10	0	9	3	368	508	382	30	4E+2C	1026	60	782			
			25									22									36.64					
-	<b>DIPLOMA DEFENSE</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	E	-	10	-		
<b>ELECTIVE subjects (choose 1 out of 2):</b>																										
12	Management and conservation of genetic resources	Z.12.D.8	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	C	70	4	58			
13	Traceability	Z.13.D.8	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	C	70	4	58			
<b>FACULTATIVE (OPTIONAL) subjects:</b>																										
1	Fundamentals of Entrepreneurship / Business Start-up / Entrepreneurship	Z.01.C.7	1	2	-	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	56	3	0			
2	Innovative entrepreneurship / Entrepreneurship in animal husbandry / Entrepreneurial design	Z.02.C.8	-	-	-	-	-	-	-	-	-	1	2	-	-	42	56	-	3	C	56	3	0			
3	Driving of motor vehicles I	Z.03.C.7	1	-	2	-	42	56	-	2	C	-	-	-	-	-	-	-	-	-	56	2	0			
4	Driving of motor vehicles II	Z.04.C.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	0.752	14	22	308	382										

**Approved by the DEAN,**

Prof. Dipl.Eng. Ioan PETI, PhD.

Date: June 28, 2024