

Level of studies Bsc

Program name: Animal Production

1. The main objective of the curriculum

The main purpose of the study in the Animal Production program is to acquaint students with the broad field of animal science and to develop an assessment of the importance of animals and the livestock industry in general. The student will be introduced to the basic principles of livestock production through discussions of animal anatomy and physiology, genetic improvement, lactation physiology, growth and body composition, nutrition, animal hygiene, different breeds of animals, technology of agricultural products, etc.

Upon completion of studies at this level students are expected to:

- To deepen the knowledge gained from previous education in basic sciences (animal biology, chemistry, mathematics, biometrics, etc.);
- Understand the structure and functioning of the animal organism;
- To become familiar with livestock terminology as well as with the basic principles of livestock production;
- But also to understand the basic principles of selection and replacement of heads for continuous genetic improvement in the herd or herd;
- Understand the principles of animal reproduction as well as the basic principles of management to improve reproductive efficiency, and get acquainted with relevant technologies related to this field (estrus synchronization, artificial insemination, embryo transfer, etc.);
- Gain basic knowledge of nutrition and animal requirements for the most important nutrients and be able to compare the similarities and differences in digestion between different species of animals;
- To distinguish and classify foods based on their composition and nutritional value and to understand the principles of formulation of rations for animals.

2. Courses

Table 2. Information of study program in Animal Production

FIRST YEAR

I-st Semester			Hour/Week			Teacher
No.	C/E	Subject	L	E	ECTS	
1	O	Mathematics	2	2	6	Engaged by UPHP
2	O	Chemistry and Biochemistry	3	2	7	Dr.sc.Imer Haziri
3	O	Microbiology	2	2	6	Dr.sc.Driton Sylejmani
4	O	Biology of domestic animals	2	2	6	Dr.sc.Bajram Berisha
5	O	Introduction to Animal Science I	2	1	5	Dr.sc.Hysen Bytyqi
Total ECTS					30	

II-nd Semester			Hour/Week			Teacher
No.	C/E	Subject	L	E	ECTS	
1	O	Introduction to Animal Science II	2	1	5	Dr.sc.Hajrip Mehmeti
2	O	Applied Ethology	2	2	5	Dr.sc.Skender Muji
3	O	Botany	2	2	5	Engaged by UPHP
4	O	Principles of forage production	2	2	5	Dr.sc.Imer Rusinovci
5	O	Basics of economy	2	2	5	Dr.sc.Njazi Bytyqi
6	O	Fundamentals of soil science and fertilization	2	2	5	Dr.sc.Muhamet Zogaj
Total ECTS					30	

SECOND YEAR						
III-rd. Semester			Hour/Week			Teacher
No.	C/E	Subject	L	E	ECTS	

1	O	Basic of Biometrics	2	2	5	Dr.sc.Mujë Gjonbalaj
2	O	Physiology and Anatomy of Domestic Animals	2	2	5	Dr.sc.Bajram Berisha
3	O	Animal Genetics	2	2	5	Dr.sc.Bajram Berisha
4	O	Agricultural Mechanization	2	1	5	Dr.sc.Mentor Thaqi
5	O	Basic agricultural accounting	2	1	5	Dr.sc. Jehona Shkodra
6	O	Plant Protection	2	1	5	Dr.sc.Arben Mehmeti
Total ECTS					30	

IV-th. Semester			Hour/Week			Teacher
No.	C/E	Subject	L	E	ECTS	
1	O	Basic of animal nutrition	2	2	6	Dr.sc.Ragip Kastrati
2	O	Feeds and Feed Conservation	2	2	6	Dr.sc.Muhamet Kamberi
3	O	Ecology and Environmental Protection in Agriculture	2	2	6	Dr.sc.Arben Mehmeti Dr.sc.Skender Muji
4	O	Quantitative Genetics and Introduction to Selective Breeding	2	2	6	Dr.sc.Hysen Bytyqi
5	Z	Elective Subject			6	After election
Total ECTS					30	

THIRD YEAR

V-th. Semester			Hour/Week			Teacher
No.	C/E	Subject	L	E	ECTS	
1	O	Cattle Production	2	2	6	Dr.sc.Hajrip Mehmeti
2	O	Pig Production	2	2	6	Dr.sc.Alltane Kryeziu
3	O	Poultry Production	2	2	6	Dr.sc.Nuridin Mestani
4	O	Small Ruminants Production	2	2	6	Dr.sc.Hajrip Mehmeti
5	O	Animal Hygiene	2	2	6	Dr.sc.Skender Muji

Total ECTS	30	
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VI-th. Semester			Hour/Week			Teacher
No.	C/E	Subject	L	E	ECTS	
1	O	Agricultural Policy and Law	2	2	5	Dr.sc.Muhamet Kamberi
2	O	Introduction to Farm Business Management	2	2	5	Dr.sc.Alltane Kryeziu
3	O	Internship/Practical Training	6		5	Dr.sc.Hajrip Mehmeti Dr.sc.Nuridin Mestani Dr.sc.Ragip Kastrati
4	Z	Elective Subject			12	After election
5	O	Diploma project	40		3	Supervisor
Total ECTS					30	

Table 3. List of elective subject

Name of the Subject		Hour/ Week	ECTS	C/E	Mësimdhënësi
1	Information and Documentation in Animal Sciences	2+2	6	Z	Dr.sc.Hysen Bytyqi
2	Agriculture Marketing	2+2	6	Z	Dr. sc. Njazi Bytyqi
3	Applied informatics in Agriculture	2+2	6	Z	Dr.sc.Muhamet Kamberi
4	Mechanization for Harvesting and Processing of Animal Feed	2+2	6	Z	Dr.sc.Mentor Thaqi
5	Processing of Animal Products	2+2	6	Z	Dr. sc. Xhavit Ramadani
6	Rabbit Production	2+2	6	Z	Dr.sc.Mentor Alishani
7	Husbandry of Alternative Poultry Species	2+2	6	Z	Dr.sc.Alltane Kryeziu
8	Beekeeping	2+2	6	Z	Dr.sc.Fadil Musa
9	Laboratory Animal Science	2+2	6	Z	Dr.sc.Skender Muji
10	Horse Breeding and Nutrition	2+2	6	Z	Dr.sc.Alltane Kryeziu
11	Companion Animals	2+2	6	Z	Dr.sc.Skender Muji
12	Wildlife Nutrition and Feeding	2+2	6	Z	Dr.sc.Muhamet Kamberi
13	Carcass Evaluation and Grading	2+2	6	Z	Dr.sc.Nuridin Mestani Dr.sc.Hajrip Mehmeti
14	Environmental Aspects of Animal Breeding	2+2	6	Z	Dr.sc.Skender Muji
15	Rural Development and Sustainable Agriculture	2+2	6	Z	Dr.sc.Hysen Bytyqi Dr.sc. Alltane Kryeziu
16	Pets Nutrition	2+2	6	Z	Dr.sc.Muhamet Kamberi
17	Foreign Language	2+2	6	Z	Mr.sc.Venera Llunji

3. Duration of studies**3 Years (6 semesters) 180 ECTS****4. Employment opportunities and professional qualification**

Graduate students in Animal Production have employment opportunities in the private and public sector such as private enterprises, Ministry of Agriculture, Forestry and Rural Development, Municipal Director, Customs, Vocational High Schools, financial institutions, local and international non-governmental organizations, etc.