MODULE DESCRIPTION_ALL SUBJECTS

Description of compulsory and elective courses, Bsc. Animal Production, at the Faculty of Agriculture and Veterinary, University of Prishtina „Hasan Prishtina"

Program_Animal Production (First level, 3 year, 180 ECTS) compared with Program of Animal Production, University of Ljubljana

Course title - MATHEMATICS

Basic information on the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Subject title:	Mathematics
Level:	Bachelor
Subject's status:	Compulsory
The year of studies:	I-st Year | I-st Semester
Number of lessons per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Lecturer:	Engaged by UPHP
Contact details:	

Description of the subject:	The subject concentrates on Mathematical knowledge which is necessary for solving practical problems from the field of agriculture.
Course Objectives:	To provide students with the knowledge from mathematic which is applied in the science of agriculture and veterinary.
Learning outcomes:	At the end of this course students will be able to: – Use and to understand Mathematical notions with the aim to use this knowledge as an aide in other subjects which use mathematical apparatus. – Apply numerical sets while analyzing and presenting other concepts from algebra as well as mathematical analysis – Understand the concept of matrix and determinants, to know the properties of determinates which are used in solving of the system of equations. – Solve systems of equations in a different manner – Create sequences given their general formula – Apply arithmetic and geometric sequences in solving various problems – Find the graphs of elementary functions – Apply the limit of the function in order to determine the continuity of the function – Find the derivative of elementary functions and

	based on the properties of derivative to find the derivative of other functions, – Plot the graph of a function by using the derivatives – Find the indefinite integral for some classes of functions – Apply definite integral in solving some problems of geometry and agriculture

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hour**	**Days/week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	0	0	0
Preparation for midterm test	0	0	0
Consultation with teacher	1	15	15
Field work	0	0	0
Test, seminar paper	2	4	8
Homework	2	7	14
Individual learning (in library or at home)	3	8	24
Preparation for final exam	3	7	21
Time spent in assessment (tests, quizzes, final exam)	4	2	8
Project, Presentation, ect.	0	0	0
Total			**125**

Teaching methods:	Lectures and exercises
Evaluation methods:	First assessment 20% Second Assessment 20% Activity during exercises 10% Attendance 5% Final Exam 45% Total 100%

Basic Literature:	1. Fevzi Berisha-Abdullah Zejnullahu: Matematika- për arkitekturë , 1996, Prishtinë. 2. Fevzi Berisha: Përmbledhje detyrash të provimit nga matematika1,2, Prishtinë 2006.
Additional Literature:	1. Ejup Hamiti – Matematika I, II. Elektro Prishtinë 2. Isak Hoxha – Matematika I,I Ndërtimtari, Prishtinë 3. Ismet Dehiri – Matematika I,I Fakultet Teknik, Prishtinë 4. Përmbledhje të ndryshme të detyrave 5. W.Feller –An introduction to probability theory and its application,1970,New York *6.* Internet

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Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Real numbers
Week 2:	Mathematical Induction, Binomial formula
Week 3:	Complex numbers
Week 4:	Power and the root of complex numbers
Week 5:	Matrix and their properties
Week 6:	Determinants- inverse matrix
Week 7:	Systems of linear equations
Week 8:	Methods for solving the systems of equations
Week 9:	Numerical sequences
Week 10:	Limit and the continuity of a function
Week 11:	Derivative of the function
Week 12:	Applications of the derivative of function in plotting the graph of the function and in problem solving in the agriculture.
Week 13:	Indefinite integral
Week 14:	Definite integral
Week 15:	Applications of definite integral in Geometry and Mechanics.

Academic policies and politeness' codex:
Silence during classes Turning down cell phones. Punctuality Respecting student Regulations

MODULE DESCRIPTION_ALL SUBJECTS

Course title: CHEMISTRY AND BIOCHEMISTRY

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary.
Title of course	Chemistry and Biochemistry
Level:	Bsc
Course status:	Compulsory
Study year	I Year | I-st Semester
Number of hours per week	3+2
Credits ECTS:	7 ECTS
Teacher:	Dr.sc. Imer Haziri, Prof.ass
Contact details:	e-mail; imer.haziri@uni-pr.edu

Course description	Chemistry and Biochemistry are natural experimental subjects. This course prosecuted only one semester and is divided into two parts. The first six weeks are from the chemistry and the other nine weeks are from Biochemistry, designed to provide a broad overview in general Chemistry and general Biochemistry. The course consists of 45 hr frontal lectures and 30 hr of practical (Chemistry 15 hr lectures and 10 hr practical and Biochemistry 30 hr lectures and 20 hr practical).
Course objectives:	The purpose of this course is to provide students sufficient knowledge and information about the general Chemistry and general Biochemistry.
Learning outcomes:	By the end of the course, students should be able to: – Have basic knowledge in Chemistry and Biochemistry; – have knowledge of different solvents (compiling their form); – Use laboratory tools and techniques (in Chemistry and Biochemistry).

Student load (should be in accordance with Student Learning Outcomes)			
Activities	**Hours**	**Days/Weeks**	**Total**
Lectures	3	15	45
Practice/laboratory	2	15	30
Practical work	2	3	6
Preparations for the seminar	1	2	2
Contacts with professor/consultancy	2	15	30
Practical work in the field	0	0	0

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Questionnaire, seminars	1	2	2
Home work	2	5	10
Student work load (bibliotheca and home)	4	10	40
Preparations for the exam	2	2	4
Time spend it in (questionnaire, final exam)	1	2	2
Project, presentations etc.	2	2	4
Total			175

Teaching methods:	This is a lecture-lab course in which topics are presented by the Professor. Practical parts and lab activities are explained by the Professor and the Teaching Assistants. Generally Power Point and without Power Point (elaboration and clarification of formulas and problems in manual forms) presentations are available in the course reserve collection database of the Faculty one day after each single lecture. Additional material will be provided by the Professor. Lecture attendance is strongly encouraged. Verification of knowledge will be performed after completion of learning cycles. After completing the lectures there is compulsory testing part via colloquium and oral final exam.
Evaluation methods:	Student evaluation is made by giving the percentages of participation of each evaluation during exercises in final evaluation. First evaluation: 25 % Second evaluation: 25% Homework and other engagements 10% Regular attendance 10% Final exam 30% Total 100%

Literature

Basic literature:	1.Sabit Dërmaku, Biokimia ,Prishtinë 2007; 2.Mujë Rugova&Tahir Gjegjbitriqi ,Kimia,1998.
Additional literature:	1. Leninger (IVth) Principles of Biochemistry, USA

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	The structure of matter: the structure of atom, molecule structure, chemical formulas, chemical bonds; Chemical reactions
Week 2:	Intermolecular forces: the state of matter, phase diagram, hydrogen bond.
Week 3:	Solutions: the concentration of solvents, dissolution, properties koligative.

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Week 4:	Acids and bases, strong acids and bases, weak acids and bases, puffers.
Week 5:	Small organic molecules: structure, properties, application, functional groups, isomers, reactivity.
Week 6:	Carbohydrates: structure, properties, reactivity and function in plant and animal organisms.
Week 7:	Lipids: structure, properties, reactivity and function in plant and animal organism. Biological membranes.
Week 8:	Proteins, Amino-acids: structure, properties and functions in plant and animal organism.
Week 9:	Enzymes: chemical structure, catalyses, function and regulation of activity.
Week 10:	Nucleotides and nucleic acids: structure and function.
Week 11:	The first phase of catabolism. Digestion and entry of macromolecules in metabolism.
Week 12:	The second phase of catabolism: glycolysis, B-oxidation of fatty acids and urea cycle to acetyl-CoA.
Week 13:	The third phase of catabolism: the Krebs cycle.
Week 14:	Anabolism: biosynthesis of carbohydrates, steroids and fatty acids. Integration and regulation of metabolism.
Week 15:	Vitamins: structure, properties, reactivity and function in plant and animal organism. Biological membranes.

Academic policies and politeness' codex:
– Regular attendance in lectures and exercises – politeness' rules like: calmness and listening during the lectures – Presence in class on time, – Mobile phone switch of.

MODULE DESCRIPTION_ALL SUBJECTS

Course title: MICROBIOLOGY

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Microbiology
Level:	Bsc
Course status:	Compulsory
Study year:	I-st Year | I-st Semester
Number of hours per week:	2+2
Credits ECTS:	5
Time / Location:	Agriculture Faculty and Veterinary-Prishtina
Teacher:	Dr.sc. Driton Sylejmani Asoc.Prof.
Contact details:	Faculty of Agriculture and Veterinary Laboratory of Microbiology

Course description:	The course tends to lead the students in terms of Microbiology's subject matter and its importance in the application of the maintenance of the farm (hygiene). In particular, this course provides the basics of microbiology, nutrition and microorganisms, metabolism, factors that influence the growth of microorganisms in the farm. Also the relationship between animal feed, farm and people, and the likelihood of contamination will also be described.
Course objectives:	The course of microbiology aims to increase the knowledge of the students in this subject on the basis of microbiology's understanding of agriculture, especially in relation to animal feed, animal husbandry and the transmission of infections in humans and animal products. The program of this course will also help explain the critical points on the farm, how to protect it from contamination, and how to serve quality and microbiological foods.
Learning outcomes:	In the end of this course the students will be able to: - Describe the importance of microbiology in Zootechny; - Describe the critical points in the farm and the opportunities for contamination; - Pathogen agents in the farm and contamination opportunities - Describe how microorganisms growing in different environment; - They will get a better understanding on nutrition,

	evolution, physiology of microorganisms; - In practical part the students will be able to know which techniques need to analyze the microbiological parameters and how to analyze.

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work			
Preparation for midterm test			
Consultation with teacher	1	15	15
Field work			
Test, seminar paper	1	5	5
Homework			
Individual learning (in library or at home)	1	15	15
Preparation for final exam	4	5	20
Time spent in assessment (tests, quizzes, final exam)	1	5	5
Project, Presentation, ect.	1	5	5
Total			125

Teaching methods:	Teaching methods to be used are Lecture, group work, seminars, presentations, demonstrations, study tours. Practical work (40%) Individual work and presentations by students (15%) other (5%) Theoretical part (40%)
Evaluation methods:	Participation 10% Laboratory Work and Presentation 30%, Final Exam 60% Total 100%

Basic Literature:	1. Essential Microbiology, 2nd Edition by Stuart Hogg ISBN 978-1-119-97891. Publisher: Wiley-Blackwell Hardcover (2013). 2. Modern Soil Microbiology, Second Edition (Books in Soils, Plants, and the Environment), Publisher: CRC Press (2011). 3. Materials for lectures and exercises (script) prepared by teacher (Prof. D. Sylejmani) which will be submitted to students at the end of each lecture.
Additional Literature:	1. Veterinary Microbiology. Third edition by: D. Scott McVey, Melissa Kennedy, M. M. Chengappa. Publisher: Wiley-Blackwell; 3 edition

	(August 5, 2013). ISBN-13: 978-0470959497 (2013). *2.* Food Microbiology Fundamentals and Frontiers. Editors: Michael P. Doyle, University of Georgia; Robert L. Buchanan, University of Maryland. ISBN or Item Number: 978-1-55581-626-1 (2013).

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Introduction to Microbiology; Biochemical Principles and Cell Structure and Organization
Week 2:	Nutrition, growth and metabolism of microorganisms.
Week 3:	Factors that influence the growth and survival of microorganisms in animal feed and farm; Nutritional basis; pH and nutritional capacity; Microbial Redox potential; Water activity etc.
Week 4:	Diversity of microorganisms; Diversity of prokaryotes; fungi; bacteria
Week 5:	Microbial Diversity II; viruses; algae
Week 6:	Microbial Diversity II; Protozoa; Moulds
Week 7:	Microbial genetic; Microorganisms in Genetic engineering
Week 8:	Microorganisms in the environment; Microbial interaction;
Week 9:	Diversity of microorganisms on the farm; Microbial diseases in animals; Control of microorganisms; Antimicrobial agents.
Week 10:	Microorganisms in industry; Food and industrial microbiology. Disinfection, Pasteurization, Sterilization
Week 11:	Process of fermentation and usefulness of microorganisms; Fermentation of food products; Probiotics and prebiotics
Week 12:	Traditional and molecular methods used in microbiology; Traditional methods; Enumeration of total number of microorganisms by horizontal method; Serological, ELISA tests, PCR etc.
Week 13:	Control of the microbiological quality of animal feed and food; Food quality; Sampling scheme.
Week 14:	Qualitative control using microbiological criteria; The concept of HACCP system; Quality Control Analyzes; Identification of CCPs, Control of Contamination Sources, Training;
Week 15:	Presentation of seminars

Academic policies and politeness' codex:
Students should respect fellow classmates, teachers, and all school property Behave in an appropriate and professional manner Complete all assignments according to directions and turned in on time The student should participate in classroom discussion, assignments, and projects Arrive to class and begin work promptly Cell phones are only allowed with teacher approval Absences: Following an absence, it is the student's responsibility to find out what he/she missed, and turn in his/her work. If the student needs any additional help to understand and

complete the missed assignments, my door is always open for tutoring. Attendance is crucial to the course, while students are highly encouraged to participate in classroom activities, discussions, demonstrations, and projects.

MODULE DESCRIPTION_ALL SUBJECTS

Title Course – BIOLOGY OF DOMESTIC ANIMALS

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Biology of domestic animals
Level:	Bachelor
Course status:	Compulsory
Study year:	I-st Year | I-st Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof. Bajram Berisha, Ass. Rreze Gecaj
Contact details:	Faculty of Agriculture and Veterinary E-mail: bajram.berisha@uni-pr.edu

Course description	As a natural science, biology studies the life and living organisms (plants and animals), including their structure, growth, evolution, distribution and taxonomy. It studies and describes the continuity of harmonically ongoing processes (phenomena, event) in living organisms, as well as their harmonic relations to the environment and natural habitat. The science of biology studies the function of molecules, cells, tissues, organs, systems of organs and the organism as a whole. In this module, chapters concerned with the biology of domestic animals and their symbiotic relationship to humans will be elucidated. The lectures will be focused on the opportunities that the biology science offers in terms of increasing the animal breeding and products of animal origins such as meat, milk, eggs, etc.
Course objectives:	The subject, biology of domestic animals, aims at enhancing student's knowledge related to biological processes, starting from the molecular to cellular level, tissue, organ, systems of organs and the organism in general. The acquired knowledge will support the future experts in animal breeding and production, to better understand the biological processes in a domestic animal organism and in understanding the possibilities to change these processes for production improvement purposes.
Learning outcomes:	After the course completion, students will be able to: − Define the universal attributes of life: growth, development, metabolism and death of cells, tissues, organs and organisms in general.

	– Define the human relationship with domestic animals in the past and today as well as articulate the role of domestic animals in human nutrition. – Demonstrate management skills for animal husbandry in order to benefit from the main nutritional products of animal origin such as meat, milk, eggs, etc. – Articulate the knowledge gained in the framework of the broader field of biology, its interconnection with other fields of science and the external environment.

Contribution on student load (must correspond with learning outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Exercise theoretical/laboratory	2	15	30
Practice work			
Preparation for midterm test			
Consultation with teacher	1	15	15
Field work			
Test, seminar paper	1	5	5
Homework			
Individual time spent studying (at the library or home)	1	15	15
Final preparation for the exam	4	5	20
Time spent in evaluation (tests, quiz, final exam)	1	5	5
Projects, presentations, etc.	1	5	5
Total			125

Teaching methods:	Lectures Practical work in a laboratory Individual presentation by students Supplementary/additional students arrangements General evaluation (students attendance)
Evaluation methods	First evaluation: 20% Second evaluation: 20% Homework: 10% Regular attendance: 10% Final exam: 40% Total: 100%

Basic Literature:	1. Lecturing and practical's material- scripts, prepared by the professors will be given to students in advance or will be available for downloading from the faculty web site. 2. Animal Sciences. Campbell, Kenealy, Campbell, McGraw-Hill Higher Education (2003).
Additional Literature:	1. Physiology of Domestic Animals, Sjaastad, Hove and Sand, Scandinavian Veterinary Press (2005)

	2. Research papers written by the subject professor can be found at the "PUBMED" 3. (http://www.ncbi.nlm.nih.gov/pubmed/), ISI Web of knowledge (http://apps.webofknowledge.com) and other scientific web pages.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Introduction: history and importance of biology
Week 2:	Introduction: universal life attributes: growth, reproduction, and metabolism. Evaluation and classification of animals: evolution principals, domestication, adaptation, animal specialization, and basic classification of domestic animals.
Week 3:	Cell theory. Biochemical characteristics of life: basic structures. The cell: types and their structural constitution. The cell: metabolism. Multicellular organisms, cell organelles: structure vs. function. The cell: reproduction and cell death. Molecular physiology. Cell cycle. Cell division: meiosis vs. mitosis. Inner and outer environment-homeostasis.
Week 4:	Molecular biology fundamentals: genome structure, genetic code, and protein synthesis. Cell metabolisms: basics on energy converting. Cellular specialization: epithelia and mammary glands, muscle and digestive tract cells. Basics on animal anatomy.
Week 5:	Endocrine system. Hormones, pheromones and their receptors-transduction.
Week 6:	Female and male reproduction; Sexual maturity; estrus; ovulation; hormonal regulation; evolutionary aspects of sexual reproduction.
Week 7:	Digestive tract: ruminants and non-ruminants.
Week 8:	Skeletal, muscle and reproductive systems.
Week 9:	Respiratory and cardiovascular systems.
Week 10:	Nervous system and senses.
Week 11:	Light, skin and thermoregulation.
Week 12:	Basics on embryology: embryonic cells, fertilization, and differentiation: zygote-blastocyst-gastrula.
Week 13:	Growth: cellular growth vs. organism growth, organ growth.
Week 14:	Microorganisms and domestic animals: viruses, bacteria, symbiotic organisms, and immune system.
Week 15:	Seminars: oral presentation of a research paper from the field of biology.

Academic policies and politeness' codex:
Student's attendance during lecturing and practical's is obligatory. Teamwork is appreciated. Mobile phones should be switched off during class hours. It is allowed to use the laptop for the purpose of following to lectures and active learning during class hours.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – INTRODUCTION TO ANIMAL SCIENCE I

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Introduction to Animal Science I
Level:	Bsc
Course status:	Compulsory
Study year:	I-st Year | I-st Semester
Number of hours per week:	2+1
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof. Dr. Hysen Bytyqi
Contact details:	Office No. 26; E-mail:hysen.bytyqi@uni-pr.edu

Course description:	Course content: The course will put a special emphasis on the role of animals, such as cattle, sheep, poultry, pigs, goats, etc., to serve the people. Moreover, this course provides basic scientific basis of livestock production, animal breeding and genetic improvement in the application of improved animal production systems and markets, as well as animal industry in general.
Course objective:	Introduction to Animal Science course aims the increasing knowledge of students regarding the development of a basic understanding of the role of animals in agriculture (in Kosovo, region, EU and beyond). The program of this subject will help to organize information and provide a conceptual framework to facilitate students' understanding and mastery of animal sciences and contribute to the preparation of experts in livestock sciences, veterinary, food and food production to increase existing production level. Moreover, this course aims to help students understand the broad scope of disciplines and opportunities that exist in the livestock industry and their contribution to human.
Learning outcomes:	After completing this course, students will be able to: − Define basic understanding of the concepts and principles of animal science; − Describe the evolution of domestic animals and taxonomy of the different species; − Explain the basics of energy efficiency and protein utilization of agricultural products for specific types of production systems; − Describe the biological basis of different technologies and animal production; − Recognize the fundamental principles of selection in animal production.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	1	15	15
Practical work	0	0	0
Preparation for midterm test	0	0	0
Consultation with teacher	1	15	15
Field work			
Test, seminar paper			
Homework	1	10	10
Individual learning (in library or at home)	2	15	30
Preparation for final exam	1	3	3
Time spent in assessment (tests, quizzes, final exam)	1	4	7
Project, Presentation, ect.	1	15	15
Total			**125**

Teaching methods:	Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation methods	First assessment: 20% Second assessment: 20% Homework or other commitments 10% Regular attendance 10% Final Exam 40% Total 100%

Basic literature	1. W. Stephen Damron. 2012. Introduction to Animal Science (5th Edition). ISBN-13: 978-0132623896. 2. Hysen Bytyqi. 2011. Basic Principles of Livestock Management. LAP LAMBERT Academic Publishing GmbH& Co. KG Address: Dudweiler Landstraße 99 66123 Saarbrücken, Germany.
Additional literature	1. Hysen Bytyqi. 2011. Chapter in "Milk Production / Book 2", Chapter 11. “Effect of Environmental Sensitivity in Milk Production under Small-scale and Semi-extensive Conditions in Kosovo”. ISBN 979-953-307-695-8. 2. Materials for lectures and exercises (script) prepared by teacher (H. Bytyçi) which will be submitted to students at the end of each lecture. 3. Scientific articles who can be found on the Internet pages of scientific journals.

Redaction teaching plan:	
Week	**Lectures to be developed**

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Week 1:	The importance of agriculture, structure and management of agricultural land, regional characteristics, in comparison with the EU and other countries.
Week 2:	Types of agricultural production in relation to eating habits, level of self-supply, consumption and trends in Kosovo, the EU and other countries.
Week 3:	Position of animal production systems, based on production, farm structure and trends.
Week 4:	The importance of animal production within agriculture and in general.
Week 5:	The evolution of domestic animals and taxonomy of the types of different species.
Week 6:	Biodiversity and animal production.
Week 7:	An overview of animal genetic resources by species, managing and evaluating opportunities, developing the type of use, and maintain.
Week 8:	Animal production and animal food (food pyramid).
Week 9:	Use and other exploitation of animals and their products.
Week 10:	Comparison of the effectiveness of energy and protein utilization of agricultural products for specific types of production systems.
Week 11:	Principles of competition between human and animal consumption of plant nutrients.
Week 12:	Biological Foundations and overlook different production technologies, milk and meat.
Week 13:	Biological Foundations and overlook of different technologies of production of eggs and other animal products.
Week 14:	Livestock products (milk, meat, eggs and other animal products) and the relationship between animal production and environmental sustainability.
Week 15:	Basic principles of selection in animal production.

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – INTRODUCTION TO ANIMAL SCIENCE II

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Introduction to Animal Science II
Level:	Bsc
Course status:	Compulsory
Study year:	I-st Year | I-st Semester
Number of hours per week:	2+1
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof. Dr. Hajrip Mehmeti
Contact details:	Office No. 26; E-mail:hajrip.mehmeti@uni-pr.edu

Course description:	The subject "Introduction to Abnormal Science II" includes recognition with the biological and functional characteristics of animals households as well as ways of using them.
Course objective:	The purpose of the subject "Introduction to Animal Science II" is that student to be acquainted with the biology of domestic animals at one side and body forms and its production on the other side as well as apply and Follows the most contemporary zootechnical measures on the ground breeding of domestic animals.
Learning outcomes:	After completing this course, students will be able to: − Known with basic building principles and anatomical and physiological function of animals − Determine the body condition score of animals by phase of development and category. − Teaches the formation and evolution of animals and the origin of the species − Recognized their production skills, their accommodation and acclimatization abilities

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	1	15	15
Practical work	3	5	15
Preparation for midterm test			0
Consultation with teacher	3	4	12
Field work	5	1	5
Test, seminar paper	3	2	6
Homework	2	2	4
Individual learning (in library or at home)	3	10	30

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Preparation for final exam	2	1	2
Time spent in assessment (tests, quizzes, final exam)	3	1	3
Project, Presentation, ect.	3	1	3
Total			125

Teaching methods:	Lectures will be concretized through presentation with Power Point using different pictures and sketches, work with students in groups and engagement of each of them.
Evaluation methods	The student will be evaluated by seminar work, laboratory work, field exercises, colloquium and final written or oral exam.

Basic literature	1. Bourdon, R.M.2000. Understand Animal Breeding – 2 edition. Coloardo State University. Prentice Hall, Upper Saddle River, NJ 07458. ISBN 0 – 12 – 096449 – 2 pp:3-17 Uremoviq. Z. Me bashkëpunëtorë, 2002, Stocarstvo . Zagreb
Additional literature	1. Genc Vinqani – Vigan Dervishi, Përzgjedhja me bazat e gjenetikës, 1986, shtëpia Botuese e Librit shkollor, Tiranë 2. Falconer, D. S and F. C. Mackay. 1996. Ubtroduction to Quantitative Genetics. Fourth Edition (ed). Longman Group, Essev, Uk . ISBN 0582 -24302-5 3. McDonald, P,R.A. Edwards, J.F. D Greenhagh and C. A. Morgan. 1995 Animal Nutrition. Fifth edition. John Wiley & Sons, Inc., 605 Third Avenue, New york NY 10158

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	The importance of domestic animals and the purpose of their cultivation.
Week 2:	The formation and evolution of domestic animals
Week 3:	The origin of important species of domestic animals
Week 4:	Evolution of domestic animals and the impact of domestication on the shape and function of pets
Week 5:	Racial properties of domestic animals
Week 6:	Full blood leaders, half - full heads, heads with pure blood as well as division of breeds into lower units
Week 7:	General biological properties of domestic animals
Week 8:	Degeneration of domestic animals, brahicephalia, hermaphroditism, loss of maternal instinct as well as disorders of metabolism and nervous system
Week 9:	Accommodation of pets
Week 10:	Acclimatization of pets
Week 11:	Influence of external factors in the animal organism Appliances.
Week 12:	Inheritance (of morphological, physiological, psychic and morphological properties manufacturing)

Week 13:	Researching manufacturing skills (dairy, meat, eggs, wool) as well as reproductive value)
Week 14:	Assessment of domestic animals on the basis of pedigree and their relatives
Week 15:	Evaluation of domestic animals based on seed quality (progest and biological test)

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – APPLIED ETHOLOGY

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Applied Ethologyt
Level:	Bsc
Curse status:	Compulsory
Study year:	I-st Year | I-st Semester
Number of hours per week:	2+2
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Skender Muji, Asoc. Prof.
Contact details:	Office No. 26. E-mail: skender.muji@uni-pr.edu

Course description:	This course will assist in preparing qualified students in recognition of Applied ethology, in order to improve farm efficiency and its control. Applied ethology is the general term for farm management mode with different methods applied to maintain a productive and profitable farm by recognizing animal behavior in order to exploit the genetic animal producer potential. Moreover, this course is designed to help students gain a better understanding and develop the skills necessary to assess the value of animal welfare standards, and be able to present their assessments in writing, give recommendations, and compare alternative action activities.
Course objectives:	The Applied Ethology Course aims at raising students' knowledge of possible changes in the organization of domestic animals and wild animals as a result of external factors as well as genetic and physiological factors. The program of this course will assist in the preparation of qualified experts in veterinary, zootechnical, to control these specific behavior of animals. Moreover, this course to help students gain a better understanding of their behavior. The aim of the course is to enable students to acquire basic concepts of ethology, perception and behavior of animals during lectures and exercises.
Learning outcomes:	**After completing this course, students will be able to:** – Define the meaning of animal ethology, – Describe the basic properties for animal domestication, – Recognize the main factors affecting animal behavior, including those of the external environment, internal factors, genetic factors

	– Explain the interrelation between humans and animals as well as the purpose of using animal and man-made manners – Understand the behaviors of all types of domestic animals and their importance in particular for farmers.

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Exercises)	2	15	30
Practical work	3	3	9
Preparation for midterm test	1	4	4
Consultation with teacher	2	3	6
Field work	3	2	6
Test, seminar paper	1	4	4
Homework	3	2	6
Individual learning (in library or at home)	2	10	20
Preparation for final exam	2	3	6
Time spent in assessment (tests, quizzes, final exam)	2	1	2
Project, Presentation, ect.	2	1	2
Total			125

Teaching methods:	Can change and rely on individual work and group collaboration. The teaching methods to be used are lectures, group work, seminars, presentations, demonstrations, study visits.
Evaluation methods:	Midterm Evaluation 10% Homework or presentations, seminars 40% Regular attendance 10% Final exam 40% Total 100%

Basic Literature:	1. Applied Ethology (script) prepared by teacher (S. Muji and E. Zhitia) 2018. 2. Mihallaq Qirjo. 2004. Etologjia sjellja e kafshëve. Tiranë. 3. Štuhec I. 1997. Etologija domačih živali. Domžale, University of Ljubljana, Biotechnical Faculty, Zootechnical Departent: 103 4. Appleby M.C., Mench J.A., Hughes B.O. 2004. Poultry Behaviour and Welfare. Wallingford, CABI Publishing: 276 p.
Additional literature:	1. Bolhuis J.J., Giraldeau L. 2005. The Behaviour of Animals. Mechanisms, Function and Evolution. Malden, Blackwell Publishing: 515 p., 2. Scott G. 2005. Essential Animal Behaviour. Malden,

	Blackwell Publishing: 202 p.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Applied ethology and basic ethological conditions
Week 2:	Modern Ethology Approaches
***Week 3*:**	The genetic basis of behavior
Week 4:	Physiology Motivation and organization of behavior
Week 5:	Learning and Recognition
***Week 6*:**	Social and reproductive behavior
Week 7:	Behavioral disorders, stress animal welfare
Week 8:	Human and Animal Interaction
Week 9:	The behavior of poultry and other birds
Week 10:	The behavior of horses
***Week 11*:**	The behavior of cattle
***Week 12*:**	The behavior of sheep and goats
***Week 13*:**	The behavior of pigs
***Week 14*:**	The behavior of dogs and cats
***Week 15*:**	The behavior rabbits and rodents

Academic policies and rules of conduct:
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable. Use of classroom phones is not permitted unless the teacher asks. Consuming food in the classroom is not allowed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – BOTANY

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Botany
Level:	BSC
Course status:	Compulsory
Study year:	I-st Year | II-nd Semester
Number of hours per week:	2+2
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Engaged by UPHP
Contact details:	

Course description:	Introducing the importance that the world of plants has – in particular the nutritional plants, medicinal and poisonous ones, which have been used in the past and today they have an increasing importance in food industry, pharmaceutics and more. Getting to know the construction of plant cells, tissues and organs, as well as plant systematic and ecology. Students will gain knowledge about the importance of plants to humans, it's ecological aspects, taxonomy and geobotanics – with the aim of knowing them better, racional usage, cultivation and their protection.
Learning outcomes:	After completing this course, students will be able to: – Describe and understand the anatomical and morphological aspect of plants ; – Understand the constitutes of plant cell and cell organelles – Understand construction of tissues and vegetative organs – Understand the morphology of vegetative organs and metamorphoses – Understand the morphology and importance of reproductive organs: flowers, blooms, fruits and seeds. – Learn the basis of plant taxonomy as well as the most important taxonomic groups, like: Lower plants (algs, fungi and lichens), Mosses (Bryophyta), Ferns (Pteridophyta), Conifers (Pinophyta) and Flowering plants (Angiospermae). – We differentiate between Monocotyledons (Liliopsida) and Dycotiledons (Magnoliophyta). – We recognize the most important plant species in terms of evolution, economy and medicine. – Do cuttings of reproductive and vegetative organs of

	plants, and we analyze them afterwards using microscope. – We determine the main plant groups and species. – Collect and herbarize plants and parts of them, for afterward usage. – Orient in nature, aiming to locate and find specific plant species. – Use the comprehensive literature to determine the plant species. – Using the determination key – determine specific species. – Engage in the global network of information's, related to plant world. – Use the library, internet and other sources of information for self-directed learning. – Work effectively in groups or independently during lab classes, or outside in the nature.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	1	15	15
Preparation for midterm test			
Consultation with teacher	1	4	4
Field work	8	2	16
Test seminar paper	1	2	2
Homework	2	2	4
Individual learning (in library or at home)	2	5	10
Preparation for final exam	2	5	10
Time spent in assessment (tests, quizzes, final exam)	3	1	3
Project, Presentation, ect.	1	1	1
Total			**125**

Teaching methods:	Lectures, practical exercises, discussions, commentaries, teamwork.
Evaluation methods:	First evaluation (cytology, histology and structure of vegetative organs) 30% Second evaluation (morphology, systematics, medicinal plants) 30% Homework and related activities 10% Regular attendance 5% Final examination 25%

Basic Literature:	1. Millaku. F. Praktikum i botanikës , KGT,Prishtinë (2005)
Additional Literature:	1. Millaku, F. Bimët mjekësore, Broshurë 2011 2. Rexhepi,F. Botanika I dhe II, Prishtinë, (2001)

MODULE DESCRIPTION_ALL SUBJECTS

	3. Topuzi.L. Botanika e përgjithshme, Tiranë (1997) 4. Sherifi. E. Anatomia dhe morfologjia e bimëve, Prishtinë (2001) 5. Hundozi. B. Anatomia e bimëve, ETMM, Prishtinë, (1987) 6. Krasniqi, F. Sistematika e bimëve të larta me elemente të filogjenenisë, ETMM Prishtinë, (1985) 7. Wilhem, N.: Allgemine Botanik, 11. Aufl. Thieme, Shtuttgart, (2001) 8. Mborja, S. Botanika I, II shblu, Tiranë(1970) 9. Magdefrau, K. Ehrendorfer, F. Botanika, Zagreb, (1978) 10. Internet sources, e.g. Wikipedia.org

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	General Botany, naming, content, division and its historical development
Week 2:	Cells, their structure, shape, size and cell organs.
Week 3:	Cytoplasm - Photosynthesis
Week 4:	cellular membran, vacuoles and cellular fluid and cellular division.
Week 5:	Plant tissues (histology)
Week 6:	Construction of vegetative organs
Week 7:	Morphology of plant organs
Week 8:	Plant reproduction
Week 9:	Reproductive organs of higher plants: Flower, symetry and flower diagram.
Week 10:	Fruits and seeds: structure and fruit types
Week 11:	Fundamentals of plant taxonomy, lower plants (algae, fungi and lichens).
Week 12:	Classification of the higher plants
Week 13:	Flowering plants (Angiospermae)
Week 14:	Monocotyledons, morphological characteristics and their classification.
Week 15:	Medicinal plants in the Republic of Kosovo, collection and breeding opportunities.

Academic policies and politeness' codex:
Students are expected to attend regulary in lectures, they have to be active during lectures, they have to be prepared well enough and make questions during teaching sessions. They must be disciplined; they should disconnect their mobile phones, come on time in lectures and not hinder the learning process.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – PRINCIPLE OF FORAGE PRODUCTION

Basic data of the subject	
Academic Unit:	Faculty of Agriculture
Course title:	Principles of forage production
Level:	Bsc
Course status:	Compulsory
Study year:	I-st Year | II- nd Semester
Number of hours per week:	2+2
Credits ECTS:	5 ECTS
Time / location:	8:30- 11:20/ Faculty of Agriculture, No 32
Teacher:	Assoc. Prof. Dr. Imer Rusinovci
Contact details:	E-mail: imer.rusinovci@uni-pr.edu

Course description:	This is an education course provides general knowledge, for students, for forage production. This course is designed to provide knowledge for many basic and applied aspects in the production of fodder crops and preparation, conservation and use of hay and silage in livestock production.
Course objectives:	Definition of subject “Principles of forage production" as plant science and its development. Forages in the world with emphasis on the situation in Kosovo (in hectares, about vegetation classification, origin and use). Description of the most important fodder species. Characteristics and production of forages. Importance of fodder crops for livestock production in Kosovo. Seasonal production of forages (model, factors, treatments). Management of forage. Leguminous fodder mixed. Alternative use of forage. Components of intensive grazing management in the lowlands, density, period of activity, duration of grazing. The forage rotation. Strategies of plant survival in grazing systems. Planting structure, strategy and forage quantity of forage. Grazing management systems in less favorable areas. Measures to increase the hay and silage production. Effective system of silage.
Learning outcomes:	After completing this course, student will be able to: − Learn and think critically about science and scientific research. Identification of forage crops and pastures management. − Identify and describe at least three primary services of forage crops to agriculture and at least services of forage crops to society and the environment. − Visually identify the principal forage legumes and grasses grown in Kosovo and to describe their regions

	of adaptation and their role in forage-livestock agro ecosystems.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theoretical/laboratory/Exercise	2	15	30
Practical work	2	4	8
Preparation for midterm test	1	1	1
Consultation with teacher	1	3	3
Field work	1	3	3
Test, seminar paper	1	2	2
Homework	2	3	6
Individual learning (in the library or at home)	4	7	28
Preparation for the final exam	2	3	6
Time spent in evaluation (tests, quiz, final exam)	1	4	4
Projects, presentations, etc.	2	2	4
Total			125

Teaching methods:	The course content consists in lectures, two Assignments, random in-class participation exercises, one Mid-term Test and a Final Exam. The students' understanding of the material covered in the first part of the course will be evaluated on the Mid-term Test.
Evaluation methods:	Assignments – 2 15% Participation Exercises 2% Mid-term Test 35% Final Exam 48%

Basic Literature:	1. Hopkins A. 2000. Grass: its production and utilization (Third Edition). Blackwell Science Ltd for BGS, 428 p., ISBN: 0-632-05017-9 2. Langer R.H.M. 1979. How Grasses Grow (2nd edition). The Institute of Biology's Studies in Biology no. 34, Southampton, The Edward Arnold Limited, 66 p., ISBN: 0-7131-2766-X 3. Managed grasslands (Ecosystems of the world, 17A). 1987. (Ed.: R. W. Snaydon), Elsevier Science Publishers B. V., 285 p., ISBN: 0 521 21867 5
Additional Literature:	1. Hodgson J. and Illius A.W. 1996. The ecology and management of grazing systems. CAB International, UK, 466 p., ISBN: 0 85199 107 6 2. Vidrih T. 2005. Pašnik, najboljše za živali, zemljo in ljudi. Kmet. založba, 172 p., ISBN: 961-6418-09-2 Internet resources.

MODULE DESCRIPTION_ALL SUBJECTS

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Course outline and introduction.
Week 2:	Origin and use of fodder crops.
Week 3:	Classification of fodder crops.
Week 4:	Importance of fodder crops for livestock production in Kosovo.
Week 5:	Contribution of forages to agriculture, society, and the environment.
Week 6:	Forage plant growth and development.
Week 7:	Environmental factors affecting forage production. Potential and limitations of Kosovo forage systems.
Week 8:	Soil characteristics and plant nutrient requirements; Principles of liming; Principles of fertilization.
Week 9:	Forage-Livestock Systems
Week 10:	Forage quality and forage testing.
Week 11:	Insect, pests, weed and their control in forage crop systems.
Week 12:	Principles of hay production; Principles of silage production.
Week 13:	Characteristics and Management of Native Rangeland in Kosovo.
Week 14:	Developing New Pasture Plants and Establishment of Pastures
Week 15:	Principles of grazing management; Grazing management practices.

Academic policies and politeness' codex:
The following regular lectures and exercises, Rules of conduct such as keeping the quietly in teaching The students and professor should be in time , Disconnection of mobile phones

MODULE DESCRIPTION_ALL SUBJECTS

Course title – BASICS OF ECONOMY

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Basics of Economy
Level:	Bsc
Course status:	Compulsory
Study year:	I-st Year| II-nd Semester
Number of hours per week:	2+2
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Njazi Bytyqi, Prof. Ass.
Contact details:	E-mail: njazi.bytyqi@uni-pr.edu; Mobile nr. 045 500 033

Course description:	In the program of this subject, students will find the necessary information for a number of issues related to: Economics - The social obligation of any government as well as any economic system for solving the main global problem, Insufficiency. The need to create economic science and its implementation, as well as the areas where this has been applied over the decades. Microeconomics - Microeconomics and all market interdependencies and economic agents. How the market and economic agents react to the main factors that guide individual and collective choices. Macroeconomics - The interaction of large economies and the way they operate by intervening or not intervening in the market. Different socio-economic policies and their application, historical and current.
Course objectives:	Through the Economics Basics program, students will acquire the skills and information needed to: To analyze the behavior of a firm in function of cost minimization by using graphical and comparative analysis; Recognize the firm's economic analysis by focusing on determining and calculating different cost indicators; Recognize the "market failure" approaches of the governmental role and the alternative perspectives of the governmental role; Define the function of social welfare and its importance for economists and systematically think about efficiency and inequality; Analyze costs in accordance with the production function for short-term and long-term periods; Recognize the state activity in the economic sphere;
Learning outcomes:	Through the course program students will find the necessary information on a number of issues related to:

	Understanding what economic science is, what is the content, purpose and object of its study; Learn how to address these problems in the formal way used by economists through the boundary of production opportunities limits and to distinguish the role of the market economy in solving them; Understand how consumer choices are subject to rational choice principles; Understand the important role of demand and supply as tools for analyzing economic events in a market economy; Describe the main determinants of demand and supply, what moves the demand and supply curve; Know the peculiarities of the markets in which a firm operates, as they affect a significant extent in firm decisions regarding the amount of production, prices, and so on. Understand what is money and how to build a real monetary system; Understand how the Central Bank affects the money supply. Combining this with the demand for money, analyzed in the previous lectures, assess the equilibrium of the money market. Analyze and calculate indicators such as: Wellbeing Indicators, Gross Domestic Product, Economic Growth and Business Cycles in order to give the macroeconomic meaning of the economy as a whole; Determine the goals of macroeconomic policies and instruments of their realization; Begin to build for the first time a macroeconomic model that will serve for further macroeconomic analysis, basic concepts: Aggregate Demand, Aggregate Offer and Macroeconomic Balance, GDP, business cycles, unemployment and inflation. To recognize the importance of international economic relations.

Student load (should be in accordance Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	2	2	4
Preparation for midterm test	1	1	1
Consultation with teacher	2	3	6
Field work	2	1	2
Test, seminar paper	2	3	6
Homework	1	2	2
Individual learning (in library or at home)	3	10	30
Preparation for final exam	3	3	9

MODULE DESCRIPTION_ALL SUBJECTS

Time spent in assessment (tests, quizzes, final exam)	3	1	3
Project, Presentation, ect.	2	1	2
Total			125

Teaching methods:	Lecture in combination with interactive teaching. Verification of knowledge will be carried out after the end of learning cycles. After completing the lectures, a compulsory part is testing through final colloquia and oral exam
Evaluation methods:	Students should be able to work in groups; to develop creative and critical thoughts and to present the knowledge gained during the course. The student assessment was done by giving the percentage of participation in each assessment during the exercises and in the final evaluation. First Assessment: 35% Second Assessment: 35% Homework and other commitments 15% Regular attendance 15% Total 100%.

Basic Literature:	Selection chapter from the following sources: 1. Basics of Economy, A. Mancellari, S. Haderi, Dh. Kule, S. Qirici, Tirane, Alabania, 2007;
Additional Literature:	1. Economics - Sixth Edition" D. Begg, S. Fisher, R. Dornbusch 2004; 2. Microeconomics: People are Different" J.D. Hey 2003 nga McGraw-Hill; 3. Economics", Jocelyn Blink, Ian Dorton, Oxford University Press, Publikimi i pare 2007.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Economics. Overview of Economic Science. Principles of Economy (Principles of Economy, Individual Decisions, Interaction between Individuals, Functioning of the Economy in Its entirety, Production factors, Economy division - Microeconomics and Macroeconomics, Economics).
Week 2:	Microeconomics. Request. Offer. Determination Factors. Market Balance (Demand, Demand Curb Market Demand and Demand, Price Bid and Offered Value, Market Offering and Individual Bids, Bid Spread Shift, Interaction Between Market Equilibrium, Disjunction, Balance Difference Analysis Shifting the Curve and Changing Supply and Demand).

MODULE DESCRIPTION_ALL SUBJECTS

Week 3:	Elasticity of Demand and Bid. Determining factors (demand elasticity, pricing elasticity of pricing and its determinants, pricing elasticity pricing, demand curve types, total revenue and price elasticity, other types demand elasticity, bid elasticity, pricing elasticity and pricing factors, calculation of bid elasticity, example of the application of demand and supply elasticity).
Week 4:	Market Role of Consumers in the Market Economy. Consumption and Savings. Consumer Buying Behavior. Customer Benefits (Customer Focus, Balance Sheet: What a Customer Can Have, Preferences: What a Customer Wants to Buy and Consume, Optimization: Customer Choice, Optimal Consumer Choice, Effect of Revenue Change in Elections of the customer, the effects of price change in consumer choice, the effect of the income and the effect of the substitution).
Week 5:	Firms (Enterprise, Business). Types of Firms and their Extension. Firm Capital (Firm and its Objectives, Firms and Markets, Types of Firms, Firm Growth Pathways, Firm Accounting, Balance Sheet and Financial Results Statement).
Week 6:	Cost. Theory of Cost. Types of Costs. Short Term and Long-Term Costs (Short Term Costs, Costs, Long-Term Costs)
Week 7:	The first test
Week 8:	Macroeconomics. Markets of production factors. Labor Market, Unemployment and Employment, Equilibrium. Capital (Macroeconomic Objectives, Key Political Instruments (Macroeconomic), Job Demand, Competitive Enterprise That Wants to Maximize Profit, Production Function and Job Requirement, Factors That May Cause Relocation labor market demand and labor supply, labor supply, labor and leisure time ratio, labor market equilibrium, other production factors: land and capital, equilibrium in land and capital markets, bonds between factors of production).
Week 9:	Financial Capital Market. Interest Rates. Value of Money Time. Money and Financial Institutions. Banking System. Banks. Their Types and Their Products (Money and Banking, What is Money and Building a Real Monetary System, Money Concept, Nature and Money Functions in a Modern Monetary Economy, Interest Rates, The Role of The Central Bank and how it affects the financial markets as the central bank affects the money supply.
Week 10:	Full Market (Free Market). Other types of markets and the difference between them (Competition Market, Competition Meaning, Entrepreneurial Revenue in Full Competitiveness, Maximizing Profit and Curve of Enterprise Supply in Full Competition, Monopoly, Restricted Monopolistic Competition, Oligopoly Secret agreements, etc.).
Week 11:	Welfare Indicators. Gross Domestic Product. Economic Growth. Employment. Unemployment. Business cycles (Income and

	Expenditures of the Economic System, Measurement of Gross Domestic Product (GDP), Real GDP and Nominal GDP, GDP and Social Welfare, World Economic Growth, Productivity, Employment and Types of Employment, Unemployment, Growth and economic policy, importance of saving and investment. Business cycles).
Week 12:	Demand and Aggregate Offer (General). Macroeconomic equilibrium (Aggregate demand and supply in short-term and long-term periods, Aggregate demand shift effects, Aggregate supply shift effects, Macroeconomic equilibrium).
Week 13:	Inflation. Causes and consequences of inflation (Classical inflation theory, price level and value of money, money supply, money demand and monetary equilibrium, effects of an injection, types of inflation).
Week 14:	International Economic Relations. Balance of Payments. Foreign exchange market and exchange rate (International flows of goods and capital, Flow of goods and net exports, Flow of financial activity: Net inflow of capital, Saving investments and their ratio with international flows, International transaction prices, Real exchange rate Foreign Exchange Loan Market, Foreign Exchange Market, Equilibrium in the Open Economy, Public Deficit, Trade Policies, Political Instability and Capital Removal).
Week 15:	The second test

Academic policies and politeness' codex:
The success of the student in this course will depend on the development of self-discipline. The following rules will help ensure the learning experience for everyone. The subject teacher will begin teaching classes only if it is clean and neat and if the class materials will be needed to start learning. Students are not allowed to eat food or drink in the classroom during class. All electronic devices and cell phones must be turned off during class (unless requested by the teacher). Students must follow the instructions of teachers throughout the lesson and not to speak without permission. Students are required to promptly and regularly attend all lectures and exercises and that from the first day of commencement of classes will be keeping records on school attendance. There will be a written documentation of any fraud or dishonesty during lectures, exercises and exam.

MODULE DESCRIPTION_ALL SUBJECTS

Course title: FUNDAMENTALS OF SOIL SCIENCE AND FERTILIZATION

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Fundamentals of Soil Science and Fertilization
Level:	Bsc
Course status:	Compulsory
Study year:	I-st Year | II-nd Semester
Number of hours per week:	2 + 2
Credits ECTS:	5 ECTS
Time / Location:	University of Prishtina
Teacher:	Muhamet Zogaj
Contact details:	E-mail: muhamet.zogaj@uni-pr.edu; mob: 044 349 683

Course content:	Soil forming factors, soil development and composition; soil properties: texture, structure, colour, density, porosity, air and water in the soil; organic matter and soil organisms, soil colloids and sorption, soil solution (soil acidity, soil salinity); Soil classification; soils of Kosovo; soil evaluation; soil nutrients (N, P, K, Ca, Mg, S, micronutrients) and the basic principles of recycling of nutrients, organic fertilizers (animal manure, compost, fermentation residues); humus balance; inorganic fertilizers and soil improvers; control of soil fertility; soil liming; humus balance, fertilization plans; fertilization and environmental protection.
Learning objectives:	Students are informed with basic properties of soil formation, knowledge of the main soil properties, the role and importance of organic matter on soil. Provide knowledge on the circulation of nutritional elements in nature, organic and mineral fertilizers and gain knowledge on the acquisition of contemporary methods and best practices in soil management, plant fertilization, and balance of nutritional elements.
Learning outcomes:	After successful completion of all activities, students are able to: – Identify the main factors of soil formation. – Distinguish between physical, chemical and biological properties of the soil. – Have a clear picture of the types of soils in Kosovo and to make their distinction. – Know the organic and mineral fertilizers. – Apply fertilization in practice by keeping the balance of the nutrients on the soil.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Exercises)	2	15	30
Practical work	1	3	3
Preparation for midterm test	5	1	5
Consultation with teacher	1	2	2
Field work	1.5	15	22.5
Test, seminar paper	1.5	15	22.5
Homework	2	3	6
Individual learning (in library or at home)	2	2	4
Preparation for final exam	0	0	0
Time spent in assessment (tests, quizzes, final exam)	0	0	0
Project, Presentation, ect.	0	0	0
Total			125

Teaching methods:	Lectures, laboratory exercises, practical work in field, seminars, group discussions.
Assessment methods:	First evaluation: 20%; Second evaluation: 20%; Activity during classes and attendance: 10%; Final exam: 50%; Total 100%
Basic Literature:	Materialet e prezantuara në Ligjërata dhe ushtrime
Additional literature:	Kapituj të zgjedhur: 1. Plaster E.J. Soil Science and management. 5th Edition. Delmar. 495 str. (ISBN -13: 978-1-4180-3865-6) 2. Mengel, K., E.A. Kirkby: Principles of plant nutrition, 5th Edition. 2001. Kluwer Academic Publishers (ISBN 1-4020-0008-1), 849 s.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Introduction on importance of the subject and relations with other sciences. Basic Knowledge of the Earth, Form, Size, and Soil contents.
Week 2:	Soil as a Three-Phase System, Characteristics of Special Soil Phases. Development and composition of soil.
Week 3:	Soil forming factors: Rocks and Minerals Breakdown, Clay Minerals, General Properties of Clay Minerals and Ecological Importance.
Week 4:	Soil physical properties: texture, structure, color, density, porosity, air and water on soil.
Week 5:	Organic matter and soil organisms. Definition of organic matter and humus, Composition and properties of humus, Division of humus by function and type, Characteristics of humus, Importance of humus for soil, Content of humus in soil, Flora and fauna of the soils (pedofauna).
Week 6:	Soil chemical properties. Soil colloids and sorption, soil solution (soil

	acidity, soil salinity).
Week 7:	Soil Classification, Basic Classification Units, Classification Systems. (First intermediary evaluation)
Week 8:	Soils of Kosovo. Automorphic and hydromorphic soils. Assessment of lands in relation to plant nutrition.
Week 9:	The bio-geo-chemical cycle of elements in the soil-plant system.
Week 10:	Organic fertilizers (animal manure, compost, fermentation residues); humus balance.
Week 11:	Inorganic fertilizers and soil improvers.
Week 12:	Plants Fertilization. Fertilization in alternative agriculture (ecological or organic, bio-dynamic). Efficiency in quantity and quality.
Week 13:	Fertilization and environmental protection. Legislative framework, fertilizers, soil, waters (EU, and other country of the world).
Week 14:	Visit different types of soils in Kosovo.
Week 15:	Second evaluation

Academic policies and politeness' codex:
Students are required to attend lectures and exercises regularly. With more than three unjustified absences, regular attendance will not be verified (which means may not be allowed to enter the final exam). During hours of lectures, laboratory exercises and practical work in the field, students are required to comply with the general rules of academic conduct (entry time into learning, quieting down, use of cell phones and other electronic devices). **Note:** Due to the presence of hazardous substances in the laboratory, for all courses with such activities, safety measures should be followed (ie. use of appropriate clothing).

MODULE DESCRIPTION_ALL SUBJECTS

Course title: BASICS OF BIOMETRICS

Basic data of the course	
Academic unit:	Faculty of Agriculture and Veterinary
Title of the course:	Basics of Biometrics
Level:	Bsc
Module type:	Compulsory
Study Year:	II-nd Year | III-rd Semester
Number of hours per week:	2+2
Credits ECTS:	5 ECTS
Time / Place:	Class ... By Hours
Teacher:	Mujë Gjonbalaj
Contact details:	muje.gjonbalaj@uni-pr.edu

Course description	The subject " Basics of Biometrics " contains important practical and theoretical knowledge and information and presents a comprehensive view of various statistical techniques and methods relevant to the collection, grouping and analysis of various data such as: Meaning and elements of statistical analysis; Stages of statistical study; Average values of the characteristic; Average position positions; Variation / Distribution / Characteristics, Relative Variation Indicators; Index numbers; Dynamic analysis / time series, etc. The Subject Statistics Basics focuses on students' recognition of the basic concepts of statistics: population, sample, variables, parameters, phenomena distribution modalities, the design of experiments, verification of hypotheses, interpretation of statistical results. Students will be included in the exercises by virtually demonstrating the production of results through the statistical software: SPSS.
Course objectives:	The objective of the Basics of Biometrics course is to enable students to gain sufficient knowledge of the role and importance of general and in particular agricultural statistics during the lectures and exercises related to the fundamental principles, methods and statistical models and how to apply in the agricultural and economic analyzes.
Learning outcomes:	After completing this course students will be able to: – Explain the meaning of statistics, elements of statistical analysis, qualitative and quantitative variables, and statistical observation modes. – Understand types of statistical grouping, form frequency distribution series, graphically present frequency distribution series as well as other forms of graphical

	presentation. – Calculate different descriptive statistic indicators and make their interpretation. – Calculate and interpret different dynamic analysis indices, such as linear, exponential and logarithmic trend indices, and so on.

Student load (should be consistent with Student Learning Outcomes)			
Learning elements	**Hours**	**Days/Week**	**Total**
lectures	2	15	30
exercises	2	15	30
Preparation for intermediate test			0
Consultation with the teacher	3	2	6
Field work	2	2	4
Test, seminar paper			0
Home work	2	3	6
Individual learning (in library or at home)	2	3	6
Preparing for the final exam	1	9	9
Evaluation time (test, quiz, final exam)	3	6	18
Projects, presentations, etc.	4	2	8
Total			125

Teaching methods:	Lectures, classroom exercises using different materials, group work of 1-2 students on a job (independent job), individual homework
Assessment methods:	Students should be able to work in groups; to develop creative and critical thoughts and to present the knowledge gained during the course. The student assessment was done by giving the percentage of participation in each assessment during the exercises and in the final evaluation. The rating is from 0-100%. First rating: 15% Second assessment: 15% Homework and other commitments 15% Regular attendance 5% Final exam 50% Total 100%

Primary Literature:	Mandatory Basic Literature: Troni, H. (2001) Statistika Aplikative në Bujqësi. Prishtinë. Nuhiu, R. dhe Shala, A. Bazat e Statistikës. 1995, Prishtinë.
Additional Literature:	Recommended Literature: 1. Rahmije Mustafa - Topxhiu: HYRJE NË STATISTIKË, Prishtinë, 20161. 2. Osmani, M.(20011) Statistike (Per Administrim Biznesin dhe Financen. Tiranë.

	3. S. Man, Introductory Statistics, Seventh Edition, John Wiley & Sons, 2010, USA, 4. Milan Papiq, Statistika e aplikuar në MS Excel, përkthim nga kroatishtja, Kolegji Universitar "Victory". Prishtinë.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Entry: Presentation of the subject; working and evaluation methods; Two-student mutual obligations
Week 2:	Meaning of Statistics; A little story about statistics; Types of Statistics; Key concepts in statistical analysis; Statistical data; Collection of data and statistical data sources; Using computers in statistics
Week 3:	Summary and grouping of statistical data; Organization (grouping) and graphic presentation of qualitative (qualitative); Organization (grouping) and graphical presentation of numerical data (quantitative)
Week 4:	Some other graphical data presentations; Cross-tabs
Week 5:	Madhësitë mesatare: Mesatarja aritmetike për të dhënat e pa grupuara; Mesatarja aritmetike për të dhënat e grupuara/e ponderuar
Week 6:	Average size: Arithmetic mean for ungrouped data; Arithmetic mean for grouped / weighted data
Week 7:	Variation indicators: Why should variation or distribution is studied? Variation indicators for ungrouped data; Variation indicators for grouped data
Week 8:	Production of "Descriptive Statistics" in SPSS software
Week 9:	Index numbers: Understanding indexes; Individual indices (simple)
Week 10:	Individual and aggregate price indices
Week 11:	Weighted aggregate indices: Aggregate value index; Aggregate price index; Aggregate quantity index
Week 12:	Linear trend
Week 13:	Parabolic Trends
Week 14:	Trend exponential / logarithmic
Week 15:	Prepare for a written exam

Academic policies and politeness' codex:
Means used during class hours should be cleaned and stored at the end of the classroom. Mobile / smart phones and other electronic devices (eg iPods) should be switched off (or switched off) and not exposed during class hours. Laptops and tablet computers are allowed to be used only in silence; Other activities such as checking your personal e-mail or browsing web pages are prohibited.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – PHYSIOLOGY AND ANATOMY OF DOMESTIC ANIMALS

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Physiology and anatomy of domestic animals
Level:	Bachelor
Course status:	Compulsory
Study year:	II-nd Year| III-rd Semester
Number of hours per week:	2 +2
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof. Bajram Berisha
Contact details:	Office number 22; E-mail: bajram.berisha@uni-pr.edu

Course description:	Functional physiology and anatomy analyze and describe the continuity of harmonically ongoing processes (phenomena, event) within living organism, as well as the harmonic relation of physiological processes to the anatomical systems, and to the actual environment and previous/historical habitat. The science of physiology and anatomy study the living organism as a whole, the shape, constitution and function of molecules, cells, tissues, organs, systems of organs and the organism in its entirety.
Course objectives:	The subject, physiology and anatomy of domestic animals, aims at increasing student's knowledge related to physiological processes, in a molecular and cellular level, tissue, organ, systems of organs and the organism in general. The acquired knowledge will support the future experts in animal breeding and production, to understand the physiological and pathological processes in a domestic animal organism for the intended purpose of animal breeding (milk, meet, eggs, etc.).
Learning outcomes:	After the course completion, students will be able to: – Define the concepts of functional anatomy and the physiology of molecules, cells, tissues, organs and organism. – Articulate the sufficient background concerning the function of cells, tissues, organs and organism. – demonstrate that they are able to further develop their own acquaintances; – Demonstrate that they are able to interconnect

	knowledge gained with other fields eg. Pathology, endocrinology, immunology etc.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practice work	1	5	5
Preparation for midterm test			0
Consultation with teacher	1	5	5
Field work	1	2	2
Test, seminar paper	2	2	4
Homework	2	5	10
Individual learning (in library or at home)	2	15	30
Preparation for final exam	1	5	5
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	1	2	2
Total			125

Teaching methods:	Lectures Practical work in a laboratory Individual presentation by students Supplementary/additional students arrangements General evaluation (students attendance)
Evaluation methods:	First evaluation: 20% Second evaluation: 20% Homework: 10% Regular attendance: 10% Final exam: 40% Total: 100%

Basic Literature:	1. Lecturing and practical's material- scripts, prepared by the professors will be given to students in advance or will be available for downloading from the faculty web site. *2.* Physiology of Domestic Animals, Sjaastad, Hove and Sand Scandinavian Veterinary Press (2005*)*
Additional Literature:	1. Principles of Animal Physiology / Edition 3 (Tierphysiologie, German edition) by Christopher D. Moyes, Patricia M. Schulte 2. Research papers written by the subject professor can be found at the "PUBMED" *3.* (http://www.ncbi.nlm.nih.gov/pubmed/), ISI Web of knowlwdge (http://apps.webofknowledge.com) and other scientific web sites.

Redaction teaching plan:	
Week	**Lectures to be developed**

MODULE DESCRIPTION_ALL SUBJECTS

Week 1:	Introduction: the history and importance of physiology and anatomy.
Week 2:	Anatomy: body compartments, systems of organs.
Week 3:	Inner and outer environment, homeostasis.
Week 4:	The cell: types and structure, cell metabolism.
Week 5:	The cell: division and death, molecular physiology
Week 6:	Hormones and the endocrine system, pheromones and their importance.
Week 7:	Receptors and their function, transduction- information transfers.
Week 8:	The physiology of reproduction, female reproduction, male reproduction. Fertilization, sexual development and gravidity.
Week 9:	The physiology of mammary gland.
Week 10:	The physiology of digestive tract: ruminants and nonruminants.
Week 11:	Muscles and bones/skeletons.
Week 12:	Cardiovascular system and respiration.
Week 13:	Nervous system and senses.
Week 14:	Urinary tract, skin and thermoregulation.
Week 15:	Seminars: oral presentation of a research paper from the field of animal physiology and anatomy.

Academic policies and politeness' codex:
Student's attendance during lecturing and practical's is obligatory. Teamwork is appreciated. Mobile phones should be switched off during class hours. It is allowed to use the laptop for the purpose of following to lectures and active learning during class hours.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – ANIMAL GENETICS

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Animal genetics
Level:	Bachelor
Course status:	Compulsory
Study year:	II-nd | III-rd Semester
Number of hours per week:	2+2
Credits ECTS:	5 ECTS
Time / location:	Faculty of Agriculture and Veterinary
Lecturer:	Prof. Bajram Berisha, Ass. Rreze Gecaj
Contact details:	Office number 22; E-mail: bajram.berisha@uni-pr.edu

Course description	Animal genetics outlines the heredity processes based on the Mendelian laws: molecular biology continuities, immune status of an animal, clinic status, inherited diseases, etc. Furthermore it addresses the importance of animal biotechnology, its contemporary methodology and the preservation of the autochthonous genetic potential. Animal genetics covers the basic methodology for the assessment of individual's traits with economic interest as well as the evaluation of domestic animals population continuities.
Course objectives:	The subject animal genetics aims at increasing student's level of knowledge concerning the possible changes within an animal organism and/or population as a result of factors with genetic effect. The contents of this course will support the educational preparation of qualified experts in veterinary sciences, animal breeding and food production, aiming to increment the existing low levels in food production, as well as to better control different inherited traits. Furthermore, the module supports students to advance their knowledge in different systems of biotechnology and to better monitor the inheritance and other important genetic phenomena in individuals and in a population.
Learning outcomes:	After the course completion, students will be able to: − Articulate necessary information about the importance of genetics in animal production. − Define the concepts of genetics in general and Mendel's laws in particular; − articulate how inheritance systems, mutations and abnormalities (mutant genes, genes of diagnostics, polygenic legacy, QTLs, etc.) affect the inheritance of

	certain features, their prediction or prevention; – Define the basics of reproduction biotechnology in domestic animal breeding (AI, ET, IVF, ET, ICSI ...). – Define the new paths and potentials that genetics offers in the management of animal selection in animal production. – Provide sufficient knowledge to preserve the diversity of genetic resources and endangered species.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	3	6	18
Preparation for midterm test			0
Consultation with teacher	1	3	3
Field work	2	2	4
Test, seminar paper	2	2	4
Homework	2	4	8
Individual learning (in library or at home)	2	10	20
Preparation for final exam	1	5	5
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	1	1	1
Total			125

Teaching methods:	Lectures Practical work in a laboratory Individual presentation by students Supplementary/additional students arrangements General evaluation (students attendance)
Evaluation methods:	First evaluation: 20% Second evaluation: 20% Homework: 10% Regular attendance: 10% Final exam: 40% Total: 100%

Basic Literature:	1. Lecturing and practical's material- scripts, prepared by the professors will be given to students in advance or will be available for downloading from the faculty web site. 2. Introduction to Veterinary Genetics, 3rd Edition by Frank W. Nicholas, Wiley-Blackwell.
Additional Literature:	1. HARTWELL et al. (2010) " Genetics: from genes to genomes", ISBN 0-07-246248-5 2. Benjamin A, Pierce: Genetics a Conceptual Approach: 2nd edition. Library of Congress Cataloging-in-Publication Data

	Control Number: 2004114215. 3. Research papers written by the subject professor can be found at the "PUBMED" (http://www.ncbi.nlm.nih.gov/pubmed/), ISI Web of knowledge (http://apps.webofknowledge.com) and other scientific web pages.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	The importance of agriculture, structure and management of agricultural land, regional characteristics, in comparison with the EU and other countries.
Week 2:	Types of agricultural production in relation to eating habits, level of self-supply, consumption and trends in Kosovo, the EU and other countries.
Week 3:	Position of animal production systems, based on production, farm structure and trends.
Week 4:	The importance of animal production within agriculture and in general.
Week 5:	The evolution of domestic animals and taxonomy of the types of different species.
Week 6:	Biodiversity and animal production.
Week 7:	An overview of animal genetic resources by species, managing and evaluating opportunities, developing the type of use, and maintain.
Week 8:	Animal production and animal food (food pyramid).
Week 9:	Use and other exploitation of animals and their products.
Week 10:	Comparison of the effectiveness of energy and protein utilization of agricultural products for specific types of production systems.
Week 11:	Principles of competition between human and animal consumption of plant nutrients.
Week 12:	Biological Foundations and overlook different production technologies, milk and meat.
Week 13:	Biological Foundations and overlook of different technologies of production of eggs and other animal products.
Week 14:	Livestock products (milk, meat, eggs and other animal products) and the relationship between animal production and environmental sustainability.
Week 15:	Basic principles of selection in animal production.

Academic policies and politeness' codex:
Student's attendance during lecturing and practical's is obligatory. Teamwork is appreciated. Mobile phones should be switched off during class hours. It is allowed to use the laptop for the purpose of following to lectures and active learning during class hours.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – AGRICULTURAL MECHANIZATION

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Agricultural Mechanization
Level:	Bachelor
Curse status:	Compulsory
Study year:	II-nd Year | III-rd Semester
Number of hours per week:	2+1
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Mentor Thaqi. Asoc. Prof
Contact details:	Office No. 28: E-mail: mentor.thaqi@uni-pr.edu

Course description	This course tends that students get qualified for rational use of agriculture mechanism with the purpose of growth of productivity and profit, the right choice during supply with new and appropriate mechanism that for the moment is missing, knowledge for appropriate mechanism for the production and conservation of voluminous animal food, the right use, repair and maintenance of cars before, during and after work, knowledge of facilities and necessary equipment in cattle and sheep farms and knowledge for requirements that a modern farm must fulfil.
Course objective:	The subject Agricultural Mechanization aims for better organization of learning and to enable the acquisition for students not only for theoretical knowledge but also the creation of practical skills that are necessary for optimal application of farm mechanization.
Learning outcomes:	After completing this course, students will be able to: – Explain the types of tractors under construct and destination; – Describe the construction, operation and use of the car for the preparation of hay; – Describe and differentiate machines for preparation of silage; – Explain the construction, function and use of machines for preparing animal feed; – Describe and differentiate supply equipment for livestock water facilities ; – Describe and distinguish objects for animals; – - Explain the operation and use of mechanization in cattle production ; – Explain the operation and use of mechanization in

	sheep production ; – Explain the operation and use of mechanization in swine production ; – Explain the operation and use of mechanization in horse production ; – Describe the operation and use of mechanization in poultry ; – Describe and distinguish equipment for heating and ventilation of livestock facilities; – Explain the operation and use of electric fences for the protection of cattle in pasture.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	1	15	15
Practical work	2	3	6
Preparation for midterm test			0
Consultation with teacher	1	8	8
Field work	2	3	6
Test, seminar paper	2	2	4
Homework	2	6	12
Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	4	8
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	2	1	2
Total			125

Teaching methods:	Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation methods	First assessment: 20% Second assessment: 20% Homework or other commitments 10% Regular attendance 10% Final Exam 40% Total 100%

Basic Literature:	1. Materials for lectures and exercises (textbook) prepared by teacher which will be submitted to students at the end of each lecture.
Additional literature:	2. Scientific articles who can be found on the Internet pages of scientific journals.

Redaction teaching plan:

MODULE DESCRIPTION_ALL SUBJECTS

Week	Lectures to be developed
Week 1:	Using the tractor in livestock production; Separation of tractors by category; Tracking Mechanism-connector; Transmission Accompanying the front differential and rear
Week 2:	Using the tractor in livestock production; Tractor management system; Braking system and its types; Installation of lighting and signalling; Tractor hydraulic system; Using his tractor and maintenance
Week 3:	Machines for preparation of hay; Mowers - their types Motor mower Kosan self-self-propelled; The hay rake and collators Machines to spin and collecting grass; trailers self-loading Presses, their types; Chargers bales; Trailers for transporting bales For elevators and hay bales; Their grumpy-type
Week 4:	Machines for preparation of silage; The importance of preparing silage and silage facilities; Combines for silage – types; Trailers for transportation of silage; Elevators and pneumatic rollers for filling silos; Technical-technological process of preparation of silage.
Week 5:	Machines for preparing animal feed; Machines for cleaning, washing and cutting the food into slices and tuberous root; Machines for food itemising-shaped grain farms plates, cylinders and hammers. Mixing machines for the food / mixers / dry and liquid / horizontal, vertical and combined. Pressing the feed-mills, milling machines briquette and the briquettes. Equipment for transportation of concentrate feed; Warehouses for concentrated food-cyclones and silos (ways of filling and emptying).
Week 6:	Equipment for supplying water livestock facilities; Needs of pets in drinking-water and water quality regulations. Water supply systems. Aggregates and water pumps. Water springs, their types.
Week 7:	Facilities for animal breeding; Manner of animal-related, free, on the floor and cage; Facilities for pets-kind; Terms zoo in livestock; facilities, lighting, ventilation, capacity, construction material
Week 8:	Mechanization in cattle production; Equipment for connection of cattle. Machines and equipment for feeding cattle. The process of obtaining and transporting hay-trailers, hayfork, processors bales. Extraction of silage from silos. Trailers and mixers for transportation and distribution of mass and silage cut. Trailers and hand carts to concentrate feed dosing.
Week 9:	Mechanization in cattle production; Trailers and hand carts to concentrate feed dosing. Computerized system for individual feeding of concentrated food. Equipment for removal of manure in solid-through sternum and spoon. Equipment for milking machine with vacuum-aggregate and apparatus for milking. Equipment for milk collection and cooling.
Week 10:	Mechanization in sheep production. Machines and equipment for feeding sheep and goats; Apparatus and equipment for milking sheep and goats, Equipment for milk collection and cooling, Equipment for

	cleaning the stables of sheep and goats; Machines for shearing the wool of sheep.
Week 11:	Mechanization in swine production; Transport and distribution of food by hand-carts, transporters; The feeding of pigs with liquid food-mixers, kitchens, pumps, valves. Equipment for cleaning and washing mechanically. Manipulating the trash.
Week 12:	Mechanization in poultry production; Mechanized feeding-pipe system and chain; Type cages; Equipment for cleaning of buildings scattered; Water supply equipment; Collecting and sorting eggs Incubatory; Control equipment for heating, ventilation and air humidity.
Week 13:	Mechanization in horse production; Machines and equipment for feeding horses; The technique of feeding the horses; Maintenance-cleaning equipment for horses and stables; Tools for footwear and training horses.
Week 14:	Heating and ventilation of livestock buildings; Apparatus and equipment for heating livestock farms; Apparatus and equipment for ventilation of livestock farms; Apparatus for automatically, controlling the microclimate
Week 15:	Electric fences; Electric-type fences; The concept of work-assembly and disassembly

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course Title: BASIC AGRICULTURAL ACCOUNTING

Basic information about the subject	
Academic unit:	Faculty of Agriculture and Veterinary
Title of the course:	Basic Agricultural Accounting
Level:	Bsc
Module type:	Compulsory
Study Year:	II-nd Year | III-rd Semester
Number of hours per week:	2+1
Credits ECTS:	5 ECTS
Time / Place:	Class ... By schedule
Teacher:	Jehona Shkodra
Contact details:	jehona.shkodra@uni-pr.edu

Course description:	This course includes the implementation of basic accounting principles in agriculture, accounting principles in general as well as those in agriculture in particular, accounting standards, and the creation of financial statements.
Course objective:	This course is designed to provide a basic understanding of the financial accounting of the farm, including accounting theory, concepts, principles and procedures during doing business.
Learning outcomes:	At the end of the course, students will be able to: – Describe three basic financial statements. – Explain the six steps of the accounting process. – Explain the use of different types of farm accounts. – Explain the difference between accounting and accounting double accounting, transaction registration. – Analyze financial transactions and use it data and records to register these transactions. – Understand the process of preparing an equilibrium balance sheet. – The difference between basic, accruals -base, and accrual-adjusted methods. – The end of the financial year. – Preparation of financial statements.

Student load (must be consistent with Student Learning Outcomes)			
Activity	**Hours**	**Days /Weeks**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	1	15	15
Practical work	2	4	8
Preparation for intermediate test	2	2	4

MODULE DESCRIPTION_ALL SUBJECTS

Consultation with the teacher	3	3	9
Field work	1	4	4
Test, seminar paper	3	2	6
Home work	3	3	9
Individual learning (in library or at home)	2	10	20
Preparing for the final exam	3	4	12
Evaluation time (test, quiz, final exam)	2	3	6
Projects, presentations, etc.	2	15	30
Total			125

Teaching methods:	Lecture, Exercises, Case Study.
Evaluation methods:	First Assessment: 30% Working: 15% Final exam: 65% Total: 100%.

Primare Literature:	Jehona Shkodra, Kontabiliteti Bujqësor. 2019.
Additional Literature:	1. Cheryl L. Bradley. Beef and Hay Agricultural Record Book: Small and Medium Scale Cow-Calf Operation and Grass-Hay Operation, 2017 2. Steven M. Bragg. Agricultural Accounting: A Practitioner's Guide. 2016. 3. Barbara Wheeling. Introduction to Agricultural Accounting, 2008. 4. William Edwards. Better Farm Accounting: A Practical Guide for Preparing Farm Income Tax Returns, Financial Statements, and Analysis Reports, 2007.

Teaching plan	
Week	**Lectures to be developed**
Week 1	Accounting; Agricultural Accounting; Accounting Standards; Reporting of accounting information; Ethics in Accounting.
Week 2	Registering Transactions in Business; Extended accounting equity; Diary entries.
Week 3	Expenses; Prepaid Expenditures; Expenditures
Week 4	Income; Unearned income (Deferred income); Current incomes
Week 5	Accounts receivable; Receivables Receivable; Other receivables
Week 6	Sales with discounts
Week 7	Returns on sales and allowances
Week 8	Uncured Accounts- Bad Debts
Week 9	Cost of inventory; FIFO method (first in- first out); LIFO method (last in- first out); The average price method
Week 10	Inventory reporting in amounts below cost
Week 11	Depreciation of assets
Week 12	Logging transactions in the journal

Week 13	Changes within the balance sheet
Week 14	Logging in and transferring to the main book
Week 15	The impact of financial transactions on the farm

Academic policies and politeness' codex:
Mobile / smart phones and other electronic devices (eg iPods) should be switched off and not exposed during class hours. Laptops and computers / tablets are allowed to be used only for learning purposes; Other activities such as checking your personal e-mail or browsing web pages are prohibited.

MODULE DESCRIPTION_ALL SUBJECTS

Course Title: PLANT PROTECTION

Basic data of the subject	
Academic section:	Faculty of Agriculture and Veterinary
Course title:	Plant Protection
Level:	Bsc
Course status:	Compulsory
Study year:	IInd | IIIrd Semester
Weekly hours:	2+1
Credits ECTS:	5 ECTS
Time / Location:	Semester V
Teacher:	Prof.asoc.dr. Arben Mehmeti
Contact details:	arben.mehmeti@uni-pr.edu

Course description	The course Plant Protection aims to explain plant protection products-Pesticides and main diseases, pests and weeds in agriculture crops. Pesticides used in agriculture and other branches of human activity. Protection measures in the frame of plant protection. Also will be explained the history, development and classification of diseases. The problems and basic principles of entomology, taxonomy, morphology and biology of insects. The students should be familiar with the main pests on agricultural crops and various preventive and control measures. Biology and ecology of weeds, distribution and their reproduction. Damage caused by weeds, and their control. The main weeds in different agricultural crops.
Course objectives:	The main objective of the course is to explain the plant protection products and their impact to the environment. The main measures for control of disease, pests and weeds. The main diseases, insects and weeds affecting agriculture crops cultivated in our country.
Expected results:	After completing this course the student will be able to: 1. To know and to judge the role of pesticides and their effects on biological systems 2. To know the main diseases, pests and weeds, that occurs in different agriculture crops. 3. To recognize the main measures for control of diseases, pests and weeds

Contribution engagement of student (it should correspond with expected results)			
Activities	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	1	15	15
Practical work	2	7	14
Consultation with teacher			

MODULE DESCRIPTION_ALL SUBJECTS

Field work	1	8	8
Test, seminar paper	2	1	2
Home work	2	3	6
Individual learning (in library or at home)	2	4	8
Preparation for final exam	3	10	30
Time spent in assessment (tests, quizzes, final exam)	2	3	6
Project, presentations etc.)	2	2	4
Total			**125**

Teaching methods:	This is a lecture-lab course in which topics are presented by the Professor and Practical parts, lab activities, and excursions are explained by the Professor and the Teaching Assistants. Generally Power Point presentations are available in the course reserve collection database of the Faculty one day after each single lecture. Additional material will be provided by the Professor. Lecture attendance is strongly encouraged. Verification of knowledge will be performed after completion of learning cycles. After completing the lectures there is compulsory testing part via colloquium and oral final exam.
Evaluation methods:	Student evaluation is made by giving the percentages of participation of each evaluation during exercises in final evaluation. First evaluation: 30 % Second evaluation: 25% Homework and other engagements 10% Regular attendance 5% Final exam 30% Total 100%

Basic literature:	1. Demaj, A. dhe Mehmeti, A. (2016). Manuali i produkteve për mbrojtjen e bimëve ne Kosovë. 2. Demaj, A. (2003): Mbrojtja e ambientit të njeriut. Ligjërata të autorizuara. Fakulteti i Bujqësisë Prishtinë-(skript). 3. Susuri, L. & Myrta, A. (2012): Sëmundjet e pemëve frutore dhe të hardhis së rrushit. Prishtinë. 4. Susuri, L. (2004): Fitopatologjia. Prishtinë. 5. Mehmeti, A., Sherifi, E., Demaj, A dhe Waldhardt, R. (2016). Atlas i barërave te këqija dhe herbicidet. 6. Pireva, I. 1996. Entomologjia e Përgjithshme. Universiteti i Prishtinës. Fakulteti i Bujqësisë Prishtinë.
Additional literature:	1. Ohkawa, H., Miyagawa, H and Lee, P. W. (2007): Pesticide Chemistry. Crop Protection, Public health, Environmental Safety.Wiley WCH Verlag GmbH & Co. KGaA. Wienheim; 2. Pretty, J. (2005): The Pesticide Detox-Towards a More Sustainable Agriculture. Earthscan in the UK and USA.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1	Subject and tasks of Phytopharmacy
Week 2	Pesticide classification (criteria for pesticide classification)
Week 3	Pesticides use and toxicology
Week 4	Direct risk from pesticides and ways to avoid this risk
Week 5	Plant Protection Methods
Week 6	Classification of diseases in agricultural crops
Week 7	Diseases of field crops and vegetables
Week 8	Diseases of vineyards and orchards
Week 9	Importance, types and distribution of weeds.
Week 10	Damages caused by weeds and their competition with cultivated crops.
Week 11	The main weeds in agriculture crops and their determination
Week 12	Insect morphology.
Week 13	Anatomy and physiology of the insects.
Week 14	The main insects in agriculture crops and their determination
Week 15	Evaluation in written form

Academic policies and politeness' codex:
Regular attendance in lectures and exercises politeness' rules like: calmness and listening during the lectures Presence in class on time, Mobile phone switch of

MODULE DESCRIPTION_ALL SUBJECTS

Course title – BASIC OF ANIMAL NUTRITION

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Basic of animal nutrition
Level:	Bachelor
Curse status:	Compulsory
Study year:	II-nd Year | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof. Ragip Kastrati
Contact details:	Office No. 29; E-mail; ragip.kastrati@uni-pr.edu; Tel: 044 175 279

Course description:	Subject the Basics of Animal Nutrition gives an overview of knowledge about nutrients, their absorption and metabolism such as: water, proteins, fats, carbohydrates, mineral, vitamins, and biologically active substances. Methods of evaluation and control of feed, nutrient requirements for different categories of animals.
Course objective:	The program aims to provide the knowledge necessary to train students with theoretical knowledge with laboratory methods and gain knowledge about the analysis of the nutritional value of feed and their interpretation.
Learning outcomes:	After completing this course, students will be able to: – Show practical skills associated with the recognition and appreciation of feed nutrients and its impact on animal production properties. – Acquire general knowledge on the nutritional value of foods used for feeding various types and categories of animals. – Form an opinion about the requirements and general principles of animal nutrition. This course also will develop additional skills to students: - Problem-solving skills, - Communication and presentation skills, - Filed and laboratory work skills.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	2	3	6

MODULE DESCRIPTION_ALL SUBJECTS

Preparation for midterm test	1	1	1
Consultation with teacher	1	15	15
Field work	2	5	10
Test, seminar paper	1	3	3
Homework	1	5	5
Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	3	6
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	2	5	10
Total			**150**

Teaching methods:	Lectures (30%) Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation method:	The first assessment: 25% The second assessment: 25% Homework or other commitments 10% Regular attendance 10% Final Exam 30% Total 100%

Basic Literature:	1. Kastrati, R., Kamberi, M. (2019), Bazat e të ushqyerit e kafshëve, Prishtinë. 2. Kastrati, R., Bakalli, R. (1999), Të ushqyerit e ripërtypësve, Prishtinë
Additional literature:	1. Materials lectures and exercises prepared by the teacher (Ragip Kastrati) which will be handed to the students.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	The chemical composition of the animals and plants organism.
Week 2:	The role of water in the body of animals, ways of providing water for pets.
Week 3:	Proteins, composition and structure of proteins, their separation and classification, sources of protein and amino acids.
Week 4:	Hydrates of carbon and their role.
Week 5:	Ways of using carbon hydrates from animals.
Week 6:	Fat composition of certain types of fats.
Week 7:	Mineral trace elements and trace elements.
Week 8:	The role of vitamins and their nutrition.
Week 9:	Digestibility and methods for determining.
Week 10:	The energy balance for different types and categories of animals
Week 11:	Methods and systems for determining the nutritional value of feed.

Week 12:	Requirements for nutrient animals.
Week 13:	General principles of ruminant nutrition, feeding cows on the basis of the production cycle and feeding the other categories.
Week 14:	The feeding of sheep, goats.
Week 15:	General principles of non-ruminant feeding, poultry feeding, feeding the pigs.

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title: FEEDS AND FEED CONSERVATION

Basic Information For The Course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	FEEDS AND FEED CONSERVATION
Level:	Bachelor
Course status:	COMPULSORY
Study year/semester:	II | IV
Number of hours per week:	2 + 2
Credits ECTS:	6
Time / Place:	
Lecturer:	Muhamet.A. Kamberi
Contact details:	E-mail: muhamet.kamberi@uni-pr.edu Tel mobil: 044 205 863

Course description:	Within this course gives key information on raw materials, feedstuffs and compound feeds used in animal nutrition will be given. This course deals also with methods of preservation (conservation) of feeds for periods of time when fresh feed cannot be provided. This will be mainly focused in dried feeds and those obtained with different microbiological/fermentation processes as haylage, silage, etc. Groups/Types of roughages, concentrated feeds, additives and compound feeds will also be covered. Basic information's on ration formulation techniques and optimization will also be given.
Course objectives:	Students are informed with the role, nutritive value, preparation technology, conservation, and the use of main groups of feeds and feedstuffs. Students are introduced with principles of industrial production of compound feeds, vitamin and mineral premixes and other feed additives. Principles of ration formulation, use of computer for that purposes and ration optimization are also introduced.
Expected Learning outcomes:	– After successful completion of this course, the student will: – Differentiate main feed classes and compound feeds used in feeding of certain categories of animals – Gain necessary theoretical knowledge on preparation, conservation and storage methods of feeds and feedstuffs. – Practically apply knowledge. – Earn basic information on ration formulation techniques for specific groups of animals. – Be informed on the use of computer for feed formulation and optimization purposes.

Student load (should be consistent with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**

MODULE DESCRIPTION_ALL SUBJECTS

Lectures	2	15	30
Theory/Lab work/Exercises	2	15	30
Practical work	2	5	10
Preparations for intermediary evaluation			0
Consultations with the teacher	2	1	2
Field work	6	2	12
Tests/Colloquia, Seminar	3	2	6
Home work	2	3	6
Own study (in library or home)	2	15	30
Preparation for final exam	1	15	15
Time spent on assessment (tests, quizzes, final exam)	2	3	6
Projects, Presentations	3	1	3
Total			150

Teaching methods:	Theoretical Lectures, laboratory exercises, practical work in farm and field, seminars, group discussions. The use of modern audiovisual tools for teaching and exercises.
Evaluation methods:	Students who have not finished the course Principles of animal nutrition will not be allowed to do the exam of this course. Student should have 6 or higher grade during other evaluations during teaching and other activities. Final evaluation is composed of three parts: 1. **Qualification part** of the exam is the recognition of individual feeds and their belongings to the feed group. This is the prerequisite to sit the written exam. **2. Second part** is written exam (30% of the grade). Student should have more than 50% of the points in this part in order to be qualified for final/oral examination. **1. Final part** (40% of the grade) can be written and/or oral. Student may be required to orally justify the work done if exam in don in written form. Part of the final grade is regular attendance (10%), as well as writen preparation and oral presentation of the seminar (up to 20% of the grade).

Basic Literatura:	1. M. Kamberi et al. Feeds and feed conservation (Script-Handouts presented during lectures and laboratory practices.
Additional Literature:	1. M. Kamberi et al. Feeds and feed conservation (Script-Practicum). Selected chapters from: 2. Perry, T. W., Cullison, A.E., Lowrey, R.S., 2003. Feeds and Feeding, ISBN 0-13-097047-6. Sixth Ed. Perason Education, Inc., Saddle River, New Jersey 07458. 3. Jurgens, M.J., 1997. Feeding & Animal Nutrition, ISBN 0-7872-2307-7. 8th Ed. Kendal/Hunt Publishing Company, USA.

	4. G. M. Pesti, R. I. Bakalli, J. P. Driver, A. Atencio and E.H. Foster, 2005. Poultry Nutrition and Feeding. 5. Peter R. Cheeke, 1991. Applied Animal Nutrition- Feeds and Feeding, 2nd edition, Prentice Hall, ISBN 0-13-779331-6.

Redaction teaching plan:	
Week	**Lecture Title**
Week 1:	Introduction on importance of the subject and relations with other sciences. Feeds, meaning and definition, economic importance of feed classes.
Week 2:	Plant origin feeds and conservation methods. a) Voluminous feeds; green feeds from meadows, legumes and cereals as voluminous feeds. Tubers and other voluminous feeds.
Week 3:	Plant origin feeds and conservation Methods-Cont.; b. Methods of conservation of voluminous feeds. Drying and dehydration-technological process. Hay types, the role and importance. Quality evaluation of hay. Green conveyer.
Week 4:	Silage and haylage, ensiling techniques. Quality evaluation of silage, nutritive value and the use of silage.
Week 5:	Concentrated feeds. Cereals and legumes.
Week 6:	Industry by products: Flour and oil byproducts.
Week 7:	By products from sugar, alcohol, beer and starch.
Week 8:	Animal and mineral origin feeds
Week 9:	Feed additives
Week 10:	Industrial production of compound feeds. Processing and treatment processes of animal feeds
Week 11:	Compound feeds for non-ruminants and ruminants..
Week 12:	Ration formulation principles. Pearson square method. Algebraic method Ration optimization. Computer programs for feed formulation. WUFFDA
Week 13:	New requirements for feed safety in EU and Overview of Local and EU legislation on feeds.
Week 14:	HACCP in animal feed production.
Week 15:	Field trip to Feed production facility.

Academic policies and rules of conduct:
Students are required to regularly attend lectures and exercises. With more than three unjustified absences, regular attendance will not be verified (which means may not be allowed to enter the final exam). During hours of lectures, laboratory exercises and practical work in the field, students are required to comply with the general rules of academic conduct (entry on time into classroom, be quiet, not use of cell phones and other electronic devices). **Special Note:** Due to the presence of hazardous substances in the laboratory, for all courses with such activities, safety measures should be followed (ie. use of appropriate clothing).

MODULE DESCRIPTION_ALL SUBJECTS

Course title – ECOLOGY AND ENVIRONMENTAL PROTECTION IN AGRICULTURE

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Ecology and Environmental protection in agriculture
Level:	Bsc
Curse status:	Compulsory
Study year:	II-nd Year | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof.asoc.dr. Arben Mehmeti; Dr.sc. Skender Muji, Asoc. Prof.
Contact details:	Zyra Nr.17 arben.mehmeti@uni-pr.edu Zyra Nr. 2, E-mail: skender.muji@uni-pr.edu

Course description:	This course will help prepare qualified students to acquaint themselves with Ecology and Environmental Protection in Agriculture in order to address the fundamental problems of "modern" ecology that have as their primary objective the impact of agriculture on the environment and sustainable development. This module is designed to adjust a range of experience and knowledge at both levels of ecology and agriculture. Consequences of environmental stress due to animal nutrition and sanitation views of animal waste treatment and recycling of agricultural waste. Local and international legislation in the field of environmental monitoring, with special emphasis on agriculture. Furthermore, this course is designed to help students gain better knowledge and develop the skills they need to evaluate and be able to present written estimates, give recommendations, and compare alternative activities action.
Course objectives:	The course Ecology and Environmental Protection in Agriculture aims at raising students' knowledge of the basic arrangements of agroecosystem related mechanisms. Main elements of the environment and natural resources. Important concepts were presented with the help of examples from existing problems. Problems related to the impact of agriculture on the environment and exploitation of natural resources as well as solution from an economic perspective. Consequences of environmental stress due to nutrition and animal production. Sanitary considerations of animal waste treatment and recycling of agricultural waste. Moreover, this course aims to help students gain a better understanding of their behavior. The aim of the course is to enable students to acquire basic concepts of ethology,

	perception and behavior of animals during lectures and exercises.
Learning outcomes:	**After completing this course, students will be able to:** – Define the meaning of environmental ecology, – Define and recognize and judge the reciprocal relationship between the living and non-living world – To create a new mentality, conceptualization and study of what are called "bio-environmental units" and that make up the whole of ecosystems or agro-ecosystems in order for the agricultural activity to be compatible with the natural ecological plasticity. – Explain the consequences of environmental stress due to animal nutrition and production and sanitary treatment of animal waste

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	3	9
Preparation for midterm test	1	2	2
Consultation with teacher	2	3	6
Field work	3	4	12
Test, seminar paper	1	3	3
Homework	2	6	12
Individual learning (in library or at home)	3	10	30
Preparation for final exam	2	3	6
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	2	3	6
Total			**150**

Teaching methods:	Can change and rely on individual work and group collaboration. The teaching methods to be used are lectures, group work, seminars, presentations, demonstrations, study visits.
Evaluation methods:	Midterm Evaluation 10% Homework or presentations, seminars 40% Regular attendance 10% Final exam 40% Total 100%

Basic Literature:	5. Ekologjia e mjedisit të kafshëve (Ligjërata të autorizuara) të përgatitur nga mësimdhënësi (S. Muji,) 2018. 6. Demaj. A. (2003): Bazat e ekologjisë bujqësore- Ligjërata të 7. autorizuara. Fakulteti i Bujqësisë Prishtinë, (skripta). Veselin, P., dhe Mankolli, H.(2005): Ekologjia e Zbatuar, UBT-Dita 2000.Tiranë 2005.

	8. Peçuli, V., Mankolli H., Kapoli A.(2005): Praktika në Ekologji. UBT. Botime Toena. Tiranë
Additional literature:	9. John E. Bonine, Thomas O. McGarity (1991): Environmental Protection:Cases, Legislation, Policies / Edition 2. 10. Gliessman, S. R., Krieger, R., E. Engels. 1997. Agroecology: Ecological processes in sustainable agriculture. Amazon,CRC Press, London, 384 p

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Introduction, Basic Ecology Principles
Week 2:	Structure and construction of ecological systems
Week 3:	Classification of ecological factors
Week 4:	Ecosystem, concept of ecosystem and its constituent elements
Week 5:	Processes and production in ecosystems
Week 6:	Agro ecosystems, Types and Functions, Biotic Ingredients of
Week 7:	ecosystem
Week 8:	First evaluation
Week 9:	Environmental Policies and Legislation in Agriculture, Biosphere and Environment constituent elements
Week 10:	Biological Waste Treatment Environmental Protection Systems
Week 11:	agriculture: biogas production technologies, biofilters etc.
Week 12:	Consequences of environmental stress due to nutrition and animal production
Week 13:	Recycling of agricultural waste
Week 14:	Sanitary approaches to treatment of animal waste
Week 15:	The second evaluation

Academic policies and politeness' codex:
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable. Use of classroom phones is not permitted unless the teacher asks. Consuming food in the classroom is not allowed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – QUANTITATIVE GENETICS AND INTRODUCTION TO SELECTIVE BREEDING

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Quantitative Genetics and Introduction to Selective Breeding.
Level:	Bsc
Curse status:	Compulsory
Study year:	2-nd Year | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Prishtina
Teacher:	Dr.sc. Hysen Bytyqi. Asoc. Prof
Contact details:	Office No. 26; E-mail: hysen.bytyqi@uni-pr.edu

Course description:	Course content: This introductory course attempts to walk the students through Quantitative Genetics and Introduction to Selective Breeding aspects. Particularly, this course provides basic scientific basis of genetic inheritance, correlations response, inbreeding and crossbreeding, mutation and recombination play a very important role in the creation of genetic variation, which is the basis for evolution and phenotypic and genotypic variations.
Course objective:	Introduction to Quantitative Genetics and Introduction to Selective Breeding course aims the increasing knowledge of students regarding the development of a basic understanding of the role of quantitative genetics in animals and agriculture, as a whole. The program of this course will help to also explains the inherent variability that differentiates one individual from the other, inheritance of the characters, population genetics and the evolutionary processes, etc.
Learning outcomes:	After completing this course, students will be able to: − Describe and critically evaluate major theories and approaches in modern population genetics. − Execute and interpret standard population genetic analyses using hand calculations and publicly available software tools − Assess the validity of experimental results such as quantitative phenotypes and genotypes in the light of population history − Quantitatively explore mechanisms of Inbreeding and Crossbreeding

Student load (should be in accordance with Student Learning Outcomes)

MODULE DESCRIPTION_ALL SUBJECTS

Activity	Hours	Day/Week	Total
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work			0
Preparation for midterm test			0
Consultation with teacher	1	15	15
Field work			0
Test, seminar paper	2	2.5	5
Homework	1	15	15
Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	15	15
Project, Presentation, ect.	1	6	6
Total			150

Teaching methods:	Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation method:	First assessment: 20% Second assessment: 20% Homework or other commitments 10% Regular attendance 10% Final Exam 40% Total 100%

Basic literature:	1. D. S. Falconer, Trudy F. C. MacKay: Introduction to Quantitative Genetics. Rebound by Sagebrush, 1996. ISBN: 0-582-24302-5. 2. Lynch, M. and B. Walsh. 1998. Genetics and Analysis of Quantitative Traits. Sinauer.
Additional literature:	1. Hedrick, P.W. Genetics of Populations. 4th edition. 2011. Jones and Bartlett. ISBN-13 978-0-7637-5737. 2. Materials for lectures and exercises (script) prepared by teacher (H. Bytyçi) which will be submitted to students at the end of each lecture. 3. Scientific articles who can be found on the Internet pages of scientific journals.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Genetic constitution of a population.
Week 2:	Mendelian Genetics
Week 3:	Frequencies of genes and genotypes. Hardy-Weinberg equilibrium.
Week 4:	Changes of gene frequencies; migration, mutation, selection.

MODULE DESCRIPTION_ALL SUBJECTS

Week 5:	Small populations; the idealized population; sampling..
Week 6:	Threat level types for animal conservation.
Week 7:	Evolutionary genetics in natural populations.
Week 8:	Quantitative phenotypes and genotypes
Week 9:	Basis of Natural and Artificial Selection
Week 10:	Genetic variance
Week 11:	Genetic components; environmental components.
Week 12:	Inbreeding and Crossbreeding
Week 13:	Heritability; estimation of heritability.
Week 14:	Selection; response to selection; measurement of response; information from relatives; index selection.
Week 15:	Correlated characters; genetic and environmental correlations; Correlated response to selection.

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title - CATTLE PRODUCTION

Basic informations about the subject	
Academic Unit:	Faculty of Agriculture and veterinary,
Course Title:	Cattle Production
Level:	Bachelor
Subject Status:	Compulsory
Year of study:	III-rd Year| V-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and veterinary
Proffessor of the course:	Prof. Dr.Hajrip Mehmeti
Contact details:	E-mail. hajrip.mehmeti@uni-pr.edu Tel. 038 603 846; 038 603 668

Course description:	The course "Cattle production" includes knoledgment of biological characteristics, productiong and reproduction of cattle as well technologies of growth based on its categories.
Course objectives:	The purpose of the course "Cattle Production" is for student to connect theory part and practice (laboratory and field) in order to be able to manage cattle breeding technologies and use up to the maximum their genetic potential of production and reproduction.
Learning outcomes:	The student will be able to: – Know morphological and physiological characteristics of cattle as farm animals as well as their genetic basis of their production. – Gain knowledge on cattle breeding technologies based on their categories and their longevity and health. – Teaches primary and secondary products of cattle production and orientation of production their characteristics and different types of food. – Manages cattle farms in the production and reproduction field as well breed classification based on the production.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	2	4	8
Preparation for midterm test			
Consultation with teacher	1	5	5
Field work	7	2	14
Test, seminar paper	2	2	4
Homework	2	6	12

MODULE DESCRIPTION_ALL SUBJECTS

Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	5	10
Time spent in assessment (tests, quizzes, final exam)	4	1	4
Project, Presentation, ect.	3	1	3
Total			150

Teaching Methods:	Lectures will be organized through sophisticated presentation techniques of presentation (Power Point) using different photos and sketches, work with small groups of students will be applied as in classroom, laboratory and field and commitment of each of them.
Evaluation Methods:	Students will be assessed by their seminar work, laboratory work, field exercises, kolokfium and the final exam in written or oral.

Basic literature:	1. Mehmeti.H: Special Livestock. Authorized Lecture, Prishtinë, 2011. 2. Joze Fercej: Govedorea.Ljubljana,1996.
Additional literature:	1. Cepon,Marko et al.Notes from lectures and exercises – for internal use(given to students after each lecture and exercises). 2. Osterc,JCeplin,S.Ocenjivanje govedi. Ljubljana. Kmeticki glas, 1984. 114 p. 3. Vallentine, J.F. Grazing management, Academic Press, San Diego, 2001,655 p, ISBN: 0 – 12 – 710001 -6.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Importance of cattle products; Production guidelines of cattle
Week 2:	Correlations between livestock production and their longevity and health
Week 3:	Management of reproduction (factors that affect difficultis during calving)
Week 4:	Cattle growth; Calves care based by their category; Assessment of slaughter and meat grading;
Week 5:	Cow as base of milk production and the factors influencing its production
Week 6:	Modern technologies of breeding dairy cows.
Week 7:	Managment of grazings depending on the category cattle.
Week 8:	Bovine breeding systems (barn, pasture).
Week 9:	Basic concepts of bovine evaluation.
Week 10:	Breeding work and selection of herd.
Week 11:	Interpretation of results and their use in improving cattle breed.
Week 12:	Associations and cattle breeding associations in Kosovo
Week 13:	Legislation on Animal Breeding for cattle breeding.
Week 14:	Facilities for placing cattle
Week 15:	The transfer of new knowledge into practice.

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – PIG PRODUCTION

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Pig Production
Level:	Bsc
Course status:	Compulsory
Study year:	IIIrd | Vth Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Alltane Kryeziu, Ass. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office Nr. 9; E-mail: alltane.kryeziu@uni-pr.edu

Course description	This course explores the goal of pig production, organization of pig production, identification of pig breeds and hybrids; regulation of reproduction, reproductive cycle and litter size; boars in breeding, breeding management, evaluation of reproduction efficiency, longevity and life-time production, breeding, evaluation and selection the candidates that used for selection, meat and meat products quality; welfare of pigs, housing arrangement, manure handling, disease prevention in pig production, information systems and applications; control points and production monitoring.
Course objectives:	The main goals of Pig Production course is to provide the necessary personnel for the pig industry. Evaluation of different production systems in the pork industry. Understanding the principles and their application in breeding, reproduction, nutrition, health management and marketing of pig. Evaluating the quality of pork and profitability analysis. To understand the challenges of economic, social and environmental pig industry. Through this course students provide ample opportunity for the exchange of important ideas and promoting critical thinking.
Learning outcomes:	After completing this course, students will be able to: – Have significant ability to apply best practices in pig production. – Recognize and identify different breeds of pigs – Describe the principles of genetic improvement – Describe the various systems of rearing pigs – Describe the management of pigs (sows, piglets, boars,

	new categories that will be used for breeding, feeding). – Understand and explain the reproductive cycle of sows. – Students will be able technical and organizational possibilities to influence the outcome of the economic productivity.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	2	6
Preparation for midterm test	1	2	2
Consultation with the teacher	2	4	8
Field work	4	2	8
Test, seminar paper	1	2	2
Homework	2	7	14
Individual learning (in library or at home)	2	8	16
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	1	1
Project, Presentation, ect.	2	2	4
Total			125

Teaching methods:	May change and based on individual work and group collaboration. Teaching methods to be used are Lecture, group work, seminars, presentations, demonstrations, study tours. Lectures (40%) Practical work (field work, laboratory work) (20%) Individual work and presentation by students (20%) Others guides (10%) Assessment (10%)
Evaluation methods:	Multiple choise, true / false, and essay questions. First assessment: 25% The second assessment: 25% Homework or other commitments 10% Regular attendance 10% Final Exam 30% Total 100%

Basic Literature:	1. Lectures and exercises materials (Script) prepared by the teacher`s subject, which students will be delivered at the end of each lecture (or these scripts will be find on the Faculty of Agriculture and Veterinary website). 2. Many websites and videos are helpful.
Additional Literature:	Selection chapter from the following sources: 1. Thornton, K., 1988. Outdoor pig production. Ipswich, Farming

	Press., 206 p., ISBN: 0-85236-178-5. 2. Whittemore, C. 1993. The science and practice of pig production. Essex, Longman Scientific & Technical., 624 p., ISBN: 0-632-05086-1. 3. Cole, D.J.A., Wiseman, J., Varley, M.A. 1994. Principles of Pig Science. Nottingham, Nottingham University Press., 472 p., ISBN: 1-897676-22-0.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	The purpose of swine production. Organization of the pig production.
Week 2:	Breeds and Hybrids
Week 3:	Regulation of Reproduction.
Week 4:	Reproduction cycle and litter size. Boars in breeding. Reproduction
Week 5:	Evaluation of reproduction efficiency. Longevity and life-time reproduction.
Week 6:	Breeding, evaluation and selection the candidates that used for selection
Week 7:	Candidate for selection culling.
Week 8:	External evaluation. Fattening regulations.
Week 9:	Losses from birth to slaughter. Pig selling.
Week 10:	Carcass grading. Meat and meat product quality.
Week 11:	Pig welfare. Biosecurity.
Week 12:	Housing arrangement. Manure handling.
Week 13:	Stockmanship. Disease prevention in pig production.
Week 14:	Information system and applications.
Week 15:	Control points. Production monitoring.

Academic policies and politeness' codex:
Students should respect fellow classmates, teachers, and all school property Behave in an appropriate and professional manner Complete all assignments according to directions and turned in on time The student should participate in classroom discussion, assignments, and projects Arrive to class and begin work promptly Cell phones are only allowed with teacher approval Absences: Following an absence, it is the student's responsibility to find out what he/she missed, and turn in his/her work. If the student needs any additional help to understand and complete the missed assignments, my door is always open for tutoring. Attendance is crucial to the course, while students are highly encouraged to participate in classroom activities, discussions, demonstrations, and projects.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – POULTRY PRODUCTION

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Poultry Production
Level:	Bachelor
Course status:	Compulsory
Study year:	III-rd Year | V-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof Dr.Nuridin Mestani
Contact details:	Office number 22; nuridin.mestani@uni-pr.edu Tel.038 603 846; 038 603 668

Course description:	The course "Poultry Production" includes recognizing the characteristics of poultry breeding and production, reproduction and properties of products derived from poultry, the quality of table eggs, physical and sensory traits of eggs, the quality of hatching eggs, hatchery and hatching, meat production in different systems of poultry housing (intensive, extensive confined system, free range, traditional free range, organic production), slaughtering of poultry and economic views of egg and meat production.
Course objectives:	The purpose of the course "Poultry Production " is through connect the theoretical part with the practical and field visits, the student should be capable to manage technology in poultry breeding farms and small commercial and productive use of their maximum capacity.
Learning outcomes:	The student will be able to: − Gain knowledge of basic elements of breeding different species of birds (Poultry, Turkeys, Geese, Ducks, etc.). − Gain knowledge about poultry production skills, methods of breeding, basic anatomical and physiological forms of production. − Teaches primary and secondary products of poultry. − Classification of breeds recognized by the direction of production.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	3	2	6
Preparation for midterm test	1	2	2

Consultation with teacher	2	4	8
Field work	4	2	8
Test, seminar paper	1	2	2
Homework	2	7	14
Individual learning (in library or at home)	2	8	16
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	1	1
Project, Presentation, ect.	2	2	4
Total			**125**

Teaching methods:	Lectures (Power Point presentation, photos and graphics) Practical work in a laboratory Individual presentation by students Supplementary/additional students arrangements General evaluation (students attendance)

Evaluation methods:	First assessment: 20% Second assessment: 20% Homework or other commitments: 10% Regular attendance: 10% Final Exam: 40% Total 100%

Basic Literature:	1. Mestani, N: Shpendaria. Ligjërata të autorizuara, Prishtinë, 2012. 2. Sena L. dhe G.Stefi: Rritja e shpendëve. Universiteti bujqësor i Tiranës, Tiranë, 2009.
Additional Literature:	1. Bakalli R. dhe N.Mestani: Të ushqyerit e jopërtypësve. Fakulteti i bujqësisë, Prishtinë, 1996. 2. Bakalli, R. dhe Xh.Domi: Shpendaria. Biblioteka libri bujqësor, Prishtinë, 1985. 3. Appleby, M.C., Hughes, B.O., Elson, H.A. 1992. Poultry Production Systems. Wallingford, CAB International: 238 str. 4. Bell, D.D., Weaver, W.D.Jr. (eds). 2002. Commercial chicken meat and egg production, 5th edition. Norwell, Kluwer Academic Publishers, 1365 str., ISBN: 0-7923-7200-X. 5. Holcman, A., Salobir, J., Zorman-Rojs O., Kavčič, S. 2004. Reja kokoši v manjših jatah. Ljubljana, Založba Kmečki glas, 226 p., ISBN: 961-203-269-6. 6. Leeson, S., Summers J.D. 2000. Broiler Breeder Production. Guelph, University Books

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	The importance of poultry production. Development, conditions and perspectives of poultry production in Kosova. Domestication of poultry.

Week 2:	Scheme of organization of poultry meat and egg production. Provenance, breed, strain, variation, groups of breeds and breed description. Conservation of genetic resources in poultry.
Week 3:	Genetic peculiarities of poultry. Inheritance of important qualitative and quantitative traits. Sex-linkage traits. Basic selection schemes.
Week 4:	The peculiarities of thermoregulation in birds. Plumage and molting. Housing, equipment, climate conditions in houses. Basic legislation in poultry production. Housing systems of laying hens.
Week 5:	1st Intermediary Test. Reproduction in poultry. Follicle maturation, egg formation in oviduct. Egg lying. Artificial insemination. Egg fertility.
Week 6:	The importance of light in poultry production. Lighting programs.
Week 7:	The quality of hatching eggs. Hatchery and hatching. The quality of table eggs. Physical and sensory traits of eggs.
Week 8:	Poultry meat production. Growth and development of chickens.
Week 9:	Meat production in different systems of poultry housing (intensive, extensive confined system, free range, traditional free range, organic production). Slaughtering of poultry.
Week 10:	2nd Intermediary Test. By-products in poultry production. Plumage. Manure.
Week 11:	Production results. Estimation of production results of broiler breeders, broilers and laying hens.
Week 12:	Disease prevention. Diseases caused by bacteria, viruses, parasites, molds and fungi. Poisoning in poultry.
Week 13:	Economic views of egg and meat production.
Week 14:	Visits of poultry farms.
Week 15:	Final test.

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – THE PRODUCTION OF SMALL RUMINANTS

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	The production of small ruminants
Level:	Bachelor
Course status:	Compulsory
Study year:	III-rd Year | V-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Teaching Halls and Breeding Laboratories ruminant animals
Teacher:	Prof Dr.Hajrip Mehmeti
Contact details:	Office number 36; hajrip.mehmeti@uni-pr.edu Tel.038 603 846; 038 603 668

Course description:	The subject "Production of Small Ruminants" includes recognition of racial and productive characteristics of sheep and goats, reproductive properties and yields from them.
Course objectives:	Purpose of the subject "Production of small Ruminants" is students to be enable to manage the breeding technology of sheep and goats on farms commercial and small ones, to recognize the characteristics their morphological and physiological characteristics racial, productive and reproductive properties as well as using their maximum production capacity.
Learning outcomes:	The student will be able to: – Acquire knowledge on basic cultivation elements different types of sheep and goats to us and in the world. – Acquire knowledge on the anatomical and physiological characteristics of sheep and goats, their productive abilities, breeding methods, basic breeding patterns along with breeding programs according to their racial origin. – Learns primary and secondary products of fine ruminants. – Recognition by the classification of breeds according to the direction of production.

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30

Practical work	3	5	15
Preparation for midterm test	1	2	2
Consultation with teacher	2	3	6
Field work	5	3	15
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	3	10	30
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			**125**

Teaching methods:	Lectures will be concretized through presentation with projector using different pictures and sketches, will work with students in groups, engagement of each of them during lectures, homework and seminars.

Evaluation methods:	The student will be evaluated by 100% participation in the work Practical and laboratory, written and seminar work with presentation, colloquium and final written exam or oral.

Basic Literature:	3. *Mehmeti, H: Ripertypesit e imët. Ligjërata të autorizuara, Prishtinë, 2011.* 4. Zagozen,F:Ovcerea.Ljubljana.Kmeticki 1981.204 p
Additional Literature:	1. Gall Christian:Ziegenzucht. Ulmer EugenVerlag. April, 2001. 2. Gall Christian: Goat production.London, New York, Academik Pres. 2001 – 480. 3. Fayez.I,Marai.M,Oven.J.B.New technique in Sheep Production.London.1987. 4. Craplet,C.and M.Thibler (1980).Le mouton. Paris. 5. Mioc,B.Vesna P.Kozarstvo.Zagreb.2002.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Importance of sheep and goat breeding. Spread of sheep and goats to us and the world. Economic Importance and zoological Classification
Week 2:	Anatomical and physiological characteristics of small ruminants.
Week 3:	Growth and development of small ruminants.
Week 4:	Classification of sheep and goat breeds (based on skills biological and production direction, zoological classification, level of cultivation and origin).
Week 5:	Production characteristics of sheep and goat breeds.
Week 6:	Feeding of sheep and goats in conditions and categories of different. Lactation and pregnancy.
Week 7:	Growth of sheep and goats.

Week 8:	Manipulation with sheep and goats (shear, hoof care, care on breast and milk).
Week 9:	The technological methods of breeding ruminant. Breeding of sheep and goats, for the production of milk, meat, wool.
Week 10:	Production and characteristics of sheep and goat milk.
Week 11:	Characteristics and standards for sheep and goat meat.
Week 12:	Wool production and physical-mechanical and technical properties - his technology
Week 13:	Farms and facilities for sheep and goats.
Week 14:	Diseases and health protection of small ruminants.
Week 15:	The importance of small ruminants for Kosovo.

Academic policies and politeness' codex:
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – ANIMAL HYGIENE

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Animal hygiene
Level:	Bsc
Curse status:	Compulsory
Study year:	III-rd Year | V-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Prishtina
Teacher:	Dr.sc. Skender Muji, Asoc. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office No. 26. E-mail: skender.muji@uni-pr.edu

Course description:	This course will assist in preparing qualified students in recognition of animal hygiene, in order to improve farm efficiency and its control. Animal Hygiene studies the welfare characteristics of animals and the environment. Environmental temperature and thermoregulation. Thermal exchanges between animals and the environment. Climatic factors and air pollutants. Hygiene of breeding cattle, pig's small ruminants, horse, poultry and animal companion. Moreover, this course is designed to help students gain a better understanding and develop the skills necessary to assess the value of the required animal welfare standards, and be able to present their assessments in writing , give recommendations, and compare alternative action activities.
Course objectives:	The subject of animal hygiene aims to increase the knowledge of students and students of device Zoo technical studies, veterinary medicine with current scientific achievements in this field. Students gain insight into a systematic approach to local, regional and global problem solving in this very important field. Particular focus to the special characteristics of taking hygienic sanitation measures for raising welfare and animal production. The purpose of the course is to enable students to acquire Basic Concepts of Enterprises in Animal Production during lectures and exercises.
Learning outcomes:	**After completing this course, students will be able to:** – Demonstrate fundamental knowledge of animal and environmental relationships. – Provide necessary information on hygiene and the impact of climate factors on animals and the environment

	– Demonstrate sufficient knowledge about the possibilities of applying current scientific achievements in this area. – Apply and demonstrate protocols for various measures to apply the knowledge acquired from this course in practice

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	5	15
Preparation for midterm test	2	2	4
Consultation with teacher	1	4	4
Field work	3	3	9
Test, seminar paper	2	4	8
Homework	3	4	12
Individual learning (in library or at home)	3	8	24
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	2	3	6
Total			**150**

Teaching methods:	Can change and rely on individual work and group collaboration. The teaching methods to be used are lectures, group work, seminars, presentations, demonstrations, study visits.
Evaluation methods:	Midterm Evaluation 10% Homework or presentations, seminars 40% Regular attendance 10% Final exam 40% Total 100%

Basic Literature:	4. N. Shoshi. 2004 Higjiena Veterinare 1. Tiranë 5. XH. Domi 2017. Zoohigjiena. Prishtinë
Additional literature:	1. Vučemilo, M. Higijena i bioekologija u peradarstvu. Intergrafika. 2008 Zagreb. 2. Vučemilo, M., A.Tofant: Praktikum – Okoliš i higijena držanja životinja. 2009, Zagreb. 3. Buckle, A. P., R. H. Smith: Rodent Pests and Their Control. CABI Publishing, 1994London, 4. A.Asaj 2003. Higijena na farmi i okolisu. Zagreb 5. A.Asaj. Dezinfekcija 2000. Zagreb 6. A.Asaj. Zdravstvena dezinsekcija 1999. Zagreb 7. A.Asaj. Deratizacija 1999. Zagreb.

Redaction teaching plan:

MODULE DESCRIPTION_ALL SUBJECTS

Week	Lectures to be developed
Week 1:	Introduction to Animal Hygiene and Its Importance
Week 2:	Air hygiene
Week 3:	Soil Hygiene
Week 4:	Water Hygiene
Week 5:	Hygiene of construction of livestock facilities
Week 6:	Ventilation in stalls
Week 7:	Lighting in the stalls
Week 8:	Hygiene of cattle breeding
Week 9:	Hygiene of pig breeding
Week 10:	Hygiene of breeding of sheep and goats
Week 11:	Poultry breeding hygiene
Week 12:	Disinfection
Week 13:	Disinfections
Week 14:	Derattization
Week 15:	Disappearance without damaging the animal corpses

Academic policies and politeness' codex:
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable. Use of classroom phones is not permitted unless the teacher asks. Consuming food in the classroom is not allowed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title: AGRICULTURAL POLICY AND LEGISLATION

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Agricultural Policy and Legislation
Level:	Bachelor
Course status:	Compulsory
Study year/semester:	III | VI
Number of hours per week:	2 + 2
Credit value – ECTS:	5 ECTS
Time / Place:	
Lecturer:	Muhamet. A. Kamberi
Contact details:	E-mail: muhamet.kamberi@uni-pr.edu Tel mobil: 044 205 863

Course description:	This course is made of two parts: First part deals with Agricultural policy and main aspects to be understood related to this policies and the influence on development of agricultural sector of Kosova. The core of this part is dedicated to Common Agricultural policy as one the main components to be followed for every country aspiring to join EU. Second part of the subject is related to basic legal aspects of the country with the main focus in Agricultural and food sector
Course objectives:	This course is designed to offer students the basic information on the principles of agricultural policies and the legislation in Kosovo. So the two objectives are to be reached after completion of this course: The importance of agricultural policies to support domestic agricultural production and prepare it for international market. To do so proper legal coverage should be done to harmonize all aspects of agricultural production with requirements of the EU CAP in a process of EU integration Kosovo is doing.
Expected Learning outcomes:	After completion of this course, it is expected from the student: – To clearly understand the importance of agricultural policy for agricultural production – To know the structure of the legal system of Kosovo and place and importance of Agricultural legislation in it – To be familiar with Common Agricultural Policy of the EU

Student load (must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**

Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	1	15	15
Preparation for midterm test	1	2	2
Consultation with teacher	1	10	10
Field work	1	3	3
Test, seminar paper	1	2	2
Homework	1	10	10
Individual learning (in library or at home)	2	7	14
Preparation for final exam	1	3	3
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			125

Teaching methods:	Theoretical Lectures, laboratory exercises, practical work in farm and field, seminars, group discussions. The use of modern audiovisual tools for teaching and exercises.
Evaluation methods:	Seminar work related to agricultural policies and law, with oral presentation. Written examination

Basic Literature:	Materials presented during lectures
Additional Literature:	1. Common agricultural policy-european commission-europa, 2. www.ec.europa.eu/agriculture/cap-overview/2012_en.pdf. 3. V: Huylenbroeck G., Verbeke W., Lauwers L. (ur.). Role of institutions in rural policies and agricultural market. Amsterdam, Elsevier: 61-73. [COBISS.SI-ID: 1645960]. 4. Emil Erjavec, The Eu Common Agricultural Policy And Western Balkans Integration Process And Tasks Web sites: 5. http://www.kis.si/pls/kis/!kis.web?m=36&j=SI#nav 6. http://epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/data/main_tables 7. http://www.mkgp.gov.si/si/ 8. http://ec.europa.eu/agriculture/index_en.htm

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1	**Introduction to agricultural policy.** Explanation of differences between policy and politics
Week 2	Introduction to the theory of agricultural policy. Forms of support to agriculture: a market-price and budget transfers. Policy cycle. Impacts and measurement of the impacts of the agricultural policy. The welfare

	economics. The OECD PSE calculations, reforms of the agricultural policies.
Week 3	Problems, objectives, instruments and decision makers of agricultural policy. Economic and political rationale for agricultural policy. The income problem and market failures. Objectives and concepts of agricultural policy. Instruments of agricultural policy. The types and forms of decision makers of agricultural policy, the role of the bureaucracy, interest-political organizations, lobbying, decision-making in the Slovenian and European agricultural policy.
Week 4	The European Union's common agricultural policy (CAP). Historical foundations and stages of development of the CAP.
Week 5	Effects of a policy of price support and direct payments of the CAP reform and form factors. The World Trade Organization, circles, objects and the effects of trade negotiations. Legal regulation of the current CAP.
Week 6	Agriculture and agricultural policy in Kosova. Historical development of agriculture and agricultural policy.
Week 7	Economic, social and political situation of agriculture, production, consumption, external trade, flows of trade, the size and structure of the farms. Trends in prices, budgetary transfers, income of producers (Economic accounts for agriculture).
Week 8	**Introduction to agricultural legislation**
Week 9	The constitutional legal bases of the state. The rule of law, the Constitution and the constitutional law, theory of democracy, representation and the parliamentary system; the principle of unity and separation of powers; constitutionality and legality; the judiciary; constitutional justice, local self-government. Law — concepts and systematics, the hierarchy of legal acts.
Week 10	The concept of agricultural law, subjects, criteria and characteristics of the agricultural law; the links with other areas of law.
Week 11	The agricultural land law. Protection of agricultural land, soil protection, agrarian operation, inheritance of protected family farms, the concept of legal traffic to farmland and forests, leasing of agricultural land and farms.
Week 12	Environmental law. Nature conservation, hunting and fishing laws. The protection of water, protection of air quality, waste management, biodiversity and nature conservation, natural values, the protection regimes and policy, protected areas, sustainable management of wildlife and hunting, freshwater and marine fisheries.
Week 13	An overview of general engineering, veterinary, zootechnical, phytosanitary and food law.
Week 14	Tax system and the social insurance in agriculture. Basic concepts, direct and indirect taxes, income tax. Tax in agriculture as a subspecies of the (VAT, excise, income tax, real estate and other traffic), tax on inheritance and donations, social insurance and social security, health care and health insurance, pension and disability insurance, family benefits, and occupational safety.

Week 15	Visit of Institutions responsible for Agricultural Policy and legislation (MAFRD)

Academic policies and rules of conduct:
Students are required to regularly attend lectures and exercises. With more than three unjustified absences, regular attendance will not be verified (which means may not be allowed to enter the final exam). During hours of lectures, laboratory exercises and practical work in the field, students are required to comply with the general rules of academic conduct (entry on time into classroom, be quiet, not use of cell phones and other electronic devices).

MODULE DESCRIPTION_ALL SUBJECTS

Course title - INTRODUCTION TO FARM BUSINESS MANAGEMENT

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Introduction to Farm Business Management
Level:	Bsc
Course status:	Compulsory
Study year:	III-rd Year | VI-th Semester
Number of hours per week:	2+2
Credits ECTS:	5 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Alltane Kryeziu, Ass. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office No. 9. E-mail: alltane.kryeziu@uni-pr.edu

Course description:	This course will assist in the preparation of qualified experts in the farm management business in order to improve farm efficiency and control. Farm management is a general term for various management strategies and methods that are applied to maintain a productive and profitable farm. Furthermore, this course is designed to help students gain better knowledge and develop the skills needed to assess the value of farm resources, and be able to present written estimates, give recommendations, compile financial and management plans and compare alternative action activities.
Course objectives:	The course "Introduction to Business Farm Management" provides the main concepts and principles of farm management. The course also introduces analytical tools that are used to monitor and control agricultural businesses and agricultural enterprises. The course allows students to use their imagination to build an original farm management idea, to integrate knowledge of livestock farming enterprises within different systems and to understand the role of farm management business in planning and control.
Learning outcomes:	**After completing this course, students will be able to:** − Develop a basic understanding of business management principles based on planning - control - monitoring - analysis - review. − Develop basic principles related to resource combination to achieve efficient use of resources to develop a profitable farm business. − Plan, monitor, analyze and revise farm plans and enterprise level. − Develop an understanding of the factors that influence the efficient use of the main fixed farm resources - land, labor,

	machinery and capital, and the role of entrepreneurship in creating profitable enterprises and agricultural businesses. – Use different analytical tools (budget, partial and full farm budget) to prepare farm plans and farm management.

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	3	4	12
Preparation for midterm test	1	2	2
Consultation with teacher	2	3	6
Field work	2	2	4
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	2	10	20
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	1	1
Project, Presentation, ect.	2	2	4
Total			125

Teaching methods:	Can change and rely on individual work and group collaboration. The teaching methods to be used are lectures, group work, seminars, presentations, demonstrations, study visits.
Evaluation methods:	Midterm Evaluation 10% Homework or presentations, seminars 40% Regular attendance 10% Final exam 40% Total 100%

Basic Literature:	1. Materials for lectures and exercises (script) prepared by teacher (H. Bytyçi and A. Kryeziu) which will be submitted to students at the end of each lecture. 2. Gail L. Cramer dhe Clarance W. Jensen. Agricultural Economics and Agribusiness. Fifth edition. 1991. by John Wiley & Sons, Inc. 3. Olson, Kent. Farm Management: Principles and Strategies, Iowa State Press, 2004. (This book provides a basic knowledge about the whole process of farm management).
Additional literature:	1. John Mason. Farm Management 2nd edition, Landlinks Press, Australia, 2003. 2. Scientific articles who can be found on the Internet pages of scientific journals.

Redaction teaching plan:	
Week	**Lectures to be developed**

MODULE DESCRIPTION_ALL SUBJECTS

Week 1:	Agriculture in the national economy
Week 2:	Characteristics of agricultural households and their classification.
Week 3:	Bookkeeping and management accounting.
Week 4:	Valuation of agricultural assets.
Week 5:	Financial statements in agriculture
Week 6:	Production theory and marginal costing (application of marginal principles in agriculture).
Week 7:	Costs for decision making. First evaluation
Week 8:	Farm planning in the short term and Long-range planning and investment appraisal.
Week 9:	Introduction to farm agriculture marketing.
Week 10:	Taxes in agriculture.
Week 11:	Economics of ruminant production: cattle and buffalo.
Week 12:	Economics of ruminant production: sheep and goats.
Week 13:	Economics of non-ruminant production: poultry.
Week 14:	Economics of non-ruminant production: pigs and horses.
Week 15:	Economics of crop production related to animal feeding. Second evaluation

Academic policies and politeness' codex:
Students should respect fellow classmates, teachers, and all school property Behave in an appropriate and professional manner Complete all assignments according to directions and turned in on time The student should participate in classroom discussion, assignments, and projects Arrive to class and begin work promptly Cell phones are only allowed with teacher approval Absences: Following an absence, it is the student's responsibility to find out what he/she missed, and turn in his/her work. If the student needs any additional help to understand and complete the missed assignments, my door is always open for tutoring. Attendance is crucial to the course, while students are highly encouraged to participate in classroom activities, discussions, demonstrations, and projects.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – INTERNSHIP/PRACTICAL WORK

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Internship/practical work
Level:	Bsc.
Course status:	Compulsory
Study year:	III-rd Year | VI-th Semester
Weekly hours:	6
Credits ECTS:	5 ECTS
Time/ Location:	Semester III
Teacher:	Prof. Dr. Hajrip Mehmeti; Prof. Dr. Nuridin Mestani Prof. Dr. Ragip Kastrati
Contact details:	

Course description	Students will carry out practical work in field of crop production, plant protection, food technology, livestock, veterinary, agribusiness, in companies, farms, research or consulting institutions, governmental institution and experience the daily work situation. Specific knowledge of the respective area of work/research will be acquired; social abilities like work organization, teamwork, interdisciplinary work, and flexibility will be practiced. This provides students opportunity to explore career interests while applying knowledge and skills learned in the classroom in respective institution.
Course objectives:	To offer students practical work in fields mentioned above, and experiences the daily work situation. Internships are very important to give students new teaching experiences that will benefit them after graduation.
Learning outcomes:	After completing of the course student will be able to: – to obtain a practical knowledge – to obtain knowledge for management of situations in practice – to learn how to address the problems in practice – to improve skills in daily work at respective institution – to acquire knowledge of the respective institution in which the internship is done

Contribution engagement of student (it should correspond with expected results)			
Activities	**Hours**	**Day/Week**	**Total**
Lectures			
Theory/Laboratory work/Exercises			
Practical work	6	15	90

Preparation for midterm test			
Consultation with teacher	2	4	8
Field work			
Test, seminar paper	1	4	4
Home work	2	2	4
Individual learning (in library or at home)	2	4	8
Preparation for final exam	5	1	5
Time spent in assessment (tests, quizzes, final exam)	4	1	4
Project, Presentation, ect.	2	1	2
Total			125

Teaching methods:	Supervisor will assist the student in identifying an appropriate institution, also to conduct both a midterm and final evaluation and discuss with the student for his work development. Supervisor also will check the student participation at respective institution. The student will practice the specific knowledge in related fields and practice, social skills in organisation work, team work, interdisciplinary work and flexibility.
Evaluation methods:	The students should be able to work in group; for development of creative and critic thoughts also in presenting of gained knowledge during the practical work. Student evaluation is made by giving the percentages of participation of each evaluation during exercises in final evaluation. Internship time verification 5% Midterm and final evaluation report: 50% Evaluation: 10% Presentation 10% Final exam 25% Total 100%

Redaction teaching plan:	
Week	**Internship**
Week 1:	Practical work
Week 2:	Practical work
Week 3:	Practical work
Week 4:	Practical work
Week 5:	Practical work
Week 6:	Practical work
Week 7:	Practical work
Week 8:	Midterm evaluation report
Week 9:	Practical work
Week 10:	Practical work
Week 11:	Practical work

Week 12:	Practical work
Week 13:	Practical work
Week 14:	Final evaluation report
Week 15:	Presentation and final exam

Academic policies and politeness' codex:
Regular participation at respective institution Politeness' rules like: calmness and cooperation during the internship Presence in respective institution on time

MODULE DESCRIPTION_ALL SUBJECTS

Course title – INFORMATION AND DOCUMENTATION IN ANIMAL SCIENCE

Basic data for the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Information and Documentation in Animal Sciences
Level:	Bsc
Curse status:	Elective
Study year:	II-nd Year | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof.dr. Hysen Bytyqi
Contact details:	Office No. 26; E-mail: hysen.bytyci@uni-pr.edu

Course description:	Course content: The course the information and documentation in animal sciences will deal with information communication technology for animal sciences and a specialized library dealing with animal health and animal production, and holds International databases for animal sciences, databases structure, search techniques, electronic newspapers and full-texts a wide array of information sources: books, theses, dissertations on the animal sciences topics.
Course objective:	Information and Documentation in Animal Sciences course aims the increasing knowledge of students regarding the role of information and documentation in animal sciences and use of these sources for a better animal science development.
Learning outcomes:	After completing this course, students will be able to: – Execute and interpret standard internet search engines in relation to animal science related content – Describe the Structure and types of documents – Assess the Individual model bibliography for a specific animal-sciences – Describe the formatting of documents: title, abstract, keywords, text structure, sections, references

Student load (it must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work			
Preparation for midterm test			
Consultation with teacher	1	15	15

MODULE DESCRIPTION_ALL SUBJECTS

Field work			
Test, seminar paper			
Homework	1	15	15
Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	2	6
Time spent in assessment (tests, quizzes, final exam)	1	15	15
Project, Presentation, ect.	1	6	9
Total			150

Teaching methods:	Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation method:	First assessment: 20% Second assessment: 20% Homework or other commitments 10% Regular attendance 10% Final Exam 40% Total 100%

Basic Literature:	1. FAO. 2003. Livestock, Environment and Development: Digital Library. LEAD and FAO.
Additional literature:	1. Materials for lectures and exercises (script) prepared by teacher (H. Bytyçi) which will be submitted to students at the end of each lecture. 2. Scientific articles that can be found on the Internet pages of scientific journals.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Introduction to the course content and aims
Week 2:	General and scientific information resources for the field of animal sciences
Week 3:	Structure and types of documents
Week 4:	Specialized glossaries, English terminology, subject classification for animal sciences.
Week 5:	Practical exercises specialized glossaries
Week 6:	International databases for animal sciences, databases structure, search techniques
Week 7:	Practical exercises international databases for animal sciences
Week 8:	Electronic newspapers and full-texts
Week 9:	Practical exercises Electronic newspapers
Week 10:	Existing national digital library
Week 11:	Practical exercises national digital library
Week 12:	Internet search engines in relation to animal science related content

Week 13:	Formatting of documents: title, abstract, keywords, text structure, sections, references
Week 14:	Practical exercises formatting of documents: title, abstract, keywords, text structure, sections, references
Week 15:	Individual model bibliography for a specific animal-sciences-related topic

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title - AGRICULTURAL MARKETING

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	**Agricultural marketing**
Level:	Bsc
Course status:	Elective
Study year:	III-rd Year | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Njazi Bytyqi, Prof. Ass.
Contact details:	Faculty of Agriculture and Veterinary E-mail: njazi.bytyqi@uni-pr.edu Mobile number: 045 500 033

Course description	This course deals with the understanding of the marketing system of agricultural and food products, marketing as a value-adding process, but at the same time complex and costly, with an important role in the market economy and in continuous development. Methods / approaches to the study of food marketing and their use in unity, study of market performance, marketing efficiency, and consumer's "sovereign" position in food marketing. Consideration of the characteristics of production and agricultural products related to agricultural marketing problems, potential marketing alternatives by farmers, analysis of agricultural and food product markets, etc. The position of processing industry in the marketing of food products; industry structure, management problems, establishment of processing firms and law of market areas etc. Studying institutions and actors in the wholesale and retail market of food, setting prices in retail, food service markets. Price Analysis and Exchange Function: Concept of relative prices and their use in marketing decision-making, demand and supply analysis (its applications), marketing and pricing law. Types of competition in the food markets, market performance in relation to market structure and competitive conditions in the food markets. Trials related to competition in action/enforcement. Market power and power for agreements in the food industry, the position of cooperative associations for farmers.

	Scaling and standardization of products, Transportation, storage and risk management provide the student with good knowledge about these marketing functions - they should be widely treated.
Course objectives:	Defining marketing and explanations of theoretical and methodical tendencies, there is a marketing system. Description of the marketing organization in general, the main instruments and the nature of marketing in general Training of students in explaining such phenomena, such as: adding value to products in terms of time, form, location, and facilitation facilities. Training students in the assessment of strategic factors that act in the organization and performance of the marketing system and the more in-depth understanding of the history of marketing development itself.
Learning outcomes:	– Upon completion of this course, students will be able to: – To recognize significant marketing helping - different things for different people, to distinguish well the concept of product in marketing (goods, services, ideas, etc.), that of the range and product line (with their dimensions - width depth, length of the range); to know the cycle of product life and stages of this cycle well. – Always consider studying this product flow pattern of products from sources to uses, why marketing is a complex and costly system, and a value-adding process with a special role in the market economy. – Clearly conceptualize (and with the user's sense) the usefulness of the form, the usefulness of the time, the usefulness of the site and the usefulness of the possession of products in the food marketing process. – Distinguish well marketing functions and their role as well as methods for studying food marketing, aspects of market performance and marketing efficiency targeting the consumer. – Consider technological knowledge regarding the characteristics of agricultural production and products in the function of agricultural marketing, problems arising from the marketing of agricultural products related to these specific characteristics (in production and products)

	and to assess, in random situations, the possibilities for marketing alternatives on the part of farmers. – Understand the structure of the food industry and the food industry's position in this structure, assess the factors that determine a decision-making on the digestion / location of food processing companies with raw materials for agricultural products and to know well the essence and action of the Law a Market Zone. – Understand the role of price competition in products, firms and markets, use demand and supply analysis, consider relative prices between products in marketing decision making and pricing law, well distinguish price setting from price finding and methods / tools used. – Distinguish the perfect competition from the unworkable ones in the food industry system, the characteristics that determine the market structure in the food industry and the competitive conditions in action for a given market.

Student load (it must be correspond with expected results)			
Activity	**Hours**	**Days/Week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	3	9
Preparation for midterm test	1	2	2
Consultation with teacher	2	5	10
Field work	3	5	15
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	3	10	30
Preparation for final exam	2	3	6
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Lecture in combination with interactive teaching. Verification of knowledge will be carried out after the end of learning cycles. After completing the lectures, a compulsory part is testing through final colloquia and oral exam
Evaluation methods:	Students should be able to work in groups; to develop creative and critical thoughts and to present the knowledge gained during the

	course. The student assessment was done by giving the percentage of participation in each assessment during the exercises and in the final evaluation. First Assessment: 35% Second Assessment: 35% Homework and other commitments 15% Regular attendance 15% Total 100%.

Basic Literature:	1. Selection chapter from the following sources: 2. Marketing of agricultural products. Palok Kolnikaj, Arben Vercuni, Behar Male, Tirana, 2012 3. The basics of marketing. Arben Vercuni, Gjoke Uldedaj, Tirana 2015
Additional Literature:	1. Marketing of agricultural products. Richard I. Kohls

Reduction teaching plan:	
Week	**Lectures which will be development**
Week 1:	Introduction to Marketing of Agricultural Products (What is Marketing of Agricultural Products, Marketing is Complex and Costly, Marketing Definition of Agricultural Products, Marketing as a Value Added Process, Agricultural Product Marketing Process, Alternative Marketing Perspectives, Role and the development of food marketing, Marketing of food products in the market economy).
Week 2:	Marketing environment of agricultural agri-food products (Controlled factors, Factors initiated by key managers, Factors initiated by marketing staff, Uncontrolled factors, Achievement of objectives, Marketing plans and their types, Strengthening of links between marketing and domains Other, Strategic Planning Process, Implementation of Tactical Plans, Monitoring of Results).
Week 3:	Market segmentation, development of a strategy for the target market (Market and its meaning, Customer demand analysis, Marketing strategy development, Sales forecasts, and Sales forecasting methods).
Week 4:	Consumer Buying Behavior (The final consumer market and understanding of their purchasing behavior, Key factors affecting consumer behavior, Customer decision making process, Types of decision making processes).
Week 5:	Agro food Product Production Planning (Product Meaning, Product

	Classification Schemes, Product Line and Product Mistakes, Product Marking, Packaging Decisions, Labeling Decisions, Warranties and After-Sales Service).
Week 6:	Analysis of Agricultural Product Markets (Approach to Food Marketing Study, Food Marketing Management, Market Performance Analysis in the Food Industry, Food Marketing Efficiency, Food Consumers and Marketing, Market Power and Power for Agreements.
Week 7:	The first test
Week 8:	Agricultural Production and Marketing (Farms and Marketing, Product Characteristics, Product Characteristics, Agricultural Marketing Problems, Marketing Alternatives to Farmers).
Week 9:	Food Processing and Processing (Marketing Management in the Food Processing Industry, Food Industry Structure, Establishment of Food Processing Firms, Market Law, Food Science and Marketing, Food Processor Management Problems).
Week 10:	Wholesale and retail sale of agri-food / agriculture products (Main trend in wholesale and retail sales of foodstuffs, Wholesalers of foodstuffs, Retail and food, Competition and retail price setting, Marketing implications from developments in Retail, Food Service Market).
Week 11:	Analysis of prices of agro food products and exchange function (Role of prices in the competitive economy, relative prices and food marketing decisions, demand and supply analysis, application and supply analysis applications, who benefits from lowering the cost of agricultural technologies , Marketing and Pricing Law, Finding a Price).
Week 12:	Competition in Grocery/Agriculture Markets (Competition Types, Perfect Competitiveness, Monopoly, Oligopoly, Monopolistic Competition, Market Structure and Performance, Competitive Conditions in Food Markets, Competition in Action).
Week 13:	Standardization and Classification of Food Products (Standardization in the Food Industry, Objectives and Stage Food Quality Scales, Farmers, Marketing Agencies and Customers in Relation to Food Scaling).
Week 14:	Transport and storage of agricultural products (Transport to the food industry, Alternative ways of transport with their advantages and disadvantages, Legal framework for transport and cargo fees, Food prices and transportation costs, Reduction of the transport of food).
Week 15:	The second test

Academic policies and politeness' codex:
The success of the student in this course will depend on the development of self-discipline.

MODULE DESCRIPTION_ALL SUBJECTS

The following rules will help ensure the learning experience for everyone. The subject teacher will begin teaching classes only if it is clean and neat and if the class materials will be needed to start learning. Students are not allowed to eat food or drink in the classroom during class. All electronic devices and cell phones must be turned off during class (unless requested by the teacher). Students must follow the instructions of teachers throughout the lesson and not to speak without permission. Students are required to promptly and regularly attend all lectures and exercises and that from the first day of commencement of classes will be keeping records on school attendance. There will be a written documentation of any fraud or dishonesty during lectures, exercises and exam.

MODULE DESCRIPTION_ALL SUBJECTS

Course title: APPLIED INFORMATICS IN AGRICULTURE

Basic Information For The Course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Applied Informatics in Agriculture
Level:	Bachelor
Course status:	Elective
Study year/semester:	III | VI
Number of hours per week:	2+2
Credit value – ECTS:	6 ECTS
Time / Place:	
Lecturer:	Muhamet.A. Kamberi
Contact details:	E-mail: muhamet.kamberi@uni-pr.edu Tel mobil: 044 205 863

Course description:	Even though from pre-university education, students have some information on informatics, through this course those interested will once again have the chance to refresh or deepen their knowledge from this field. This course will deal with the basics of the use of computer programs in agricultural sciences. MS Office package (Excel, Word and Power Point) will be the main focus of this course. Through more applicative and practical work, especially with tables, data calculation, graph and presentation preparation, student will be trained to use this tools for their needs.
Course objectives:	Objective of this course is to train students on the use of computer for their needs in life and in agricultural sciences. Through this course, the will be able to independently work with tables and spreadsheets using Word and Excel. They will also be teacher to do calculations in Excel and prepare graphical presentations. Other objective of this course is to train students an the use of other computer programs such as PowerPoint, Internet etc.
Expected Learning outcomes:	After completion of this course students are expected: - To be able to prepare tables in Word, Excel and Power Point - To be able to prepare presentations using Power Point Be able to apply MsOffice in agricultural sciences.

Student load (it must be correspond with expected results)			
Activity	**Hour**	**Days/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	2	10	20

Preparation for midterm test	1	4	4
Consultation with teacher	1	4	4
Field work	5	3	15
Test, seminar paper	1	3	3
Homework	1	3	3
Individual learning (in library or at home)	2	11	22
Preparation for final exam	1	15	15
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	1	2	2
Total			150

Teaching methods:	Theoretical lectures, Computer lab exercises, discussions, team work. Use of modern audiovisual tools, in teaching
Evaluation methods:	Continuous evaluation during teaching, regular and active participation in classes. Final written and/or oral exam.

Basic Literature:	Materials presented during teaching
Additional Literature:	Available tutorials on the internet

Detailed weekly teaching plan:	
Week	**Lecture title**
Week 1	Introduction to MS Office package. Basics of Ms Word, Excel And Power Point.
Week 2	Opening Excel, Excel screen appearance;; Other ways of opening Excel, writing in the workspace, the main window of Excel, Main Menu, key stamps, stamps associated with the open document.
Week 3	Ribbons with tools, standard ribbon, ribbon for formatting; Moving ribbons; Maintain working book: Naming of Files: Saving the file in the current folder; Saving the file in another folder, Saving the existing file on disk; Preservation the book working through the keyboard.
Week 4	Closing the workbook , Closing Excel, opening the workbook Opening new workbook, Open existing Book; selection of cells; view of the data, regulation of cell size; manual adjustment, automatic adjustment; regulation through Format option; Height of rows, width of columns
Week 5	Movement in working sheet; movement via keyboard, movement using mouse; positioning in specific cell, regulation of cell data; Aligning the tekst, Font, font size, font style, choice of font parameters simultaneous estimation of the parameters to make more cells.
Week 6	Writing in different colors, vertical writing, writing long texts; Editing data; Finding and replacing; Copying, Moving, Deleting data.
Week 7	Inserting cells, rows and columns of; Deleting cells, rows, columns ; Merging/splitting cells

Week 8	Diagrams, Activation of graphic system, steps that are followed in drawing, diagram regulation; Types of diagrams, presentation of several columns simultaneously; Setting network, positioning the legend, note values within the diagram; Setting the table with values; 3D graphs .
Week 9	Basics of Power Point. New presentations; Office and presentation assistants; work with slides
Week 10	Types of slides, Text editing, working with objects, pictures, etc.
Week 11	Numbering /bulleting lists, Preparation for presentation; Saving presentations
Week 12	Slide design, animations and effects
Week 13	Creation of tables and graphs in Power Point. Coloring and the background.
Week 14	Adjustment tools, the tool bars; Saving and transforming of slides
Week 15	Multimedia presentations, linking files (hyperlink)

Academic policies and rules of conduct:
Students are required to attend lectures and exercises regularly. With more than three unjustified absences, regular attendance will not be verified (which means may not be allowed to enter the final exam). During hours of lectures, laboratory exercises and practical work in the field, students are required to comply with the general rules of academic conduct (entry time into learning, quieting down, use of cell phones and other electronic devices)

MODULE DESCRIPTION_ALL SUBJECTS

Course title – MECHANIZATION FOR HARVESTING AND PROCESSING OF ANIMAL FEED

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Mechanization for Harvesting and Processing of Animal Feed
Level:	Bsc
Curse status:	Elective
Study year:	III-rd Year | VI-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Mentor Thaqi. Asoc. Prof
Contact details:	Office No. 28; E-mail: mentor.thaqi@uni-pr.edu

Course description:	This course tries to enable the students for the rational using of the harvesting of culture machineries that are used for preparing of concentrated food of animals, also the adequate using of the machineries and equipment for processing of grain foods, machineries for the preparing of pellets and briquette.
Course objective:	Mechanization for harvesting and processing of animal feed subject tries to enable the students for the producing of animal food, qualitative and with competitive price through recognition of methods and adequate equipments and also their adapting and maintenance.
Learning outcomes:	In completing of this course, students will be able to: Describe methods and machineries for harvesting of the cultures that are used in the producing of animal food. Describe the building and functioning of the machinery that prepares the animal food; Explain the importance of the using of these machineries; Describe the functioning parts of them; Explain types of machineries that prepare the animal feed.

Student load (it must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/Week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Exercise)	2	15	30
Practical work	3	3	9
Preparation for midterm test	1	2	2
Consultation with the teacher	2	3	6
Field work	3	2	6
Test, seminar paper	1	5	5

MODULE DESCRIPTION_ALL SUBJECTS

Homework	10	2	20
Individual learning (in library or at home)	3	10	30
Preparation for final exam	3	2	6
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation methods:	First assessment: 20% Second assessment: 20% Homework or other commitments 10% Regular attendance 10% Final Exam 40% Total 100%

Basic Literature:	Materials for lectures and exercises (textbook) prepared by teacher (Mentor Thaqi) which will be submitted to students at the end of each lecture.
Additional literature:	Scientific articles who can be found on the Internet pages of scientific journals.

Redaction teaching plan	
Week	**Lectures to be developed**
Week 1:	Machineries for the harvesting of cultures that are used to produce animal feed
Week 2:	The combine for harvesting of cereals
Week 3:	Adapting of combines for the harvesting of cereals
Week 4:	Methods and machineries for harvesting of sunflower and soy
Week 5:	Adapting of the combine for the harvesting of sunflower Adapting of the combine for the harvesting of soy
Week 6:	Harvesting of the corn with combine that strips the corn – cob Harvesting of the corn with combine that separates the grain from
Week 7:	Machines and equipment for preparing of animal food Mills for grinding of grainy foods
Week 8:	Machines for mixing of concentrated food for animals Horizontal and vertical mixers, advantages and flaws.
Week 9:	Definition of the concentrated food quality Definition of optimal time for mixing of the animals food
Week 10:	Machines that form the briquette in field and in stationary places

Week 11:	Machines for pelleting of the animal food; Conditioner; Pelleting machine; Drier of the pellets; Grinding of pellets
Week 12:	The pelleting technology of the animal food
Week 13:	Equipment for transport of the concentrated food
Week 14:	Storage for concentrated food – cyclones and silos (the way of filling and emptying)
Week 15:	Machines for cleaning, washing and cutting in slices of the root types food and tuber.

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – RABBIT PRODUCTION

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Rabit production
Level:	Bsc
Course status:	Elective
Study year:	II-nd+III-rd Year | IV-th + VI-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / location:	Class nr. 38, Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Mentor Alishani, Prof. Ass.
Contact details:	Faculty of Agriculture and Veterinary Office Nr. 9, E-mail: mentor.alishani@uni-pr.edu

Course description	This course is designed to provide the didactic framework for the production of rabbits. This course is structured to provide the students of the business management department in zoo technics with the knowledge necessary to be able to prepare and give their professional input and provide advice to rabbit owners about their productivity.
Course objectives:	The aim of this course is to prepare students with basic concepts of rabbit production and their importance in livestock production during lectures and exercises. Students will for rabbit's breeds, the use of specific breeds in the production of meat, fur and wool. Also, students will get acquainted with the new technology for producing rabbits, scientific trends in the development of this production in the world.
Learning outcomes:	After completing this course, students will be able to apply: – to contribute to the production of rabbits, intended for meat, fur, accompanying animals and for experimental purposes. – The course will prepare students accurately to have basic knowledge of the welfare and shelter of rabbits. – Understand the domestic and European legislation on health protection and various breeding rabbit technologies.

Student load (it must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work			
Preparation for midterm test	1	1	1

MODULE DESCRIPTION_ALL SUBJECTS

Consultation with the teacher	1	15	15
Field work			
Test, seminar paper	2	3	6
Homework	2	5	10
Individual learning (in library or at home)	3	10	30
Preparation for final exam	3	6	18
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	3	2	6
Total			150

Teaching methods:	Theoretical lectures, interactive approaches, consultations, laboratory exercises, practical work on farm and field, seminars, discussion, group work. Use of contemporary audio-visual tools for lectures and concrete learning.
Evaluation methods:	Methods of assessment: 40% two colloquium in writing during lectures, 10% evaluation of oral presentations during seminars, 10% estimate of attendance at the end of the course. 40% final exams.

Basic Literature:	Selection chapter from the following sources: – Lectures prepared by Prof.ass.dr. Mentor Alishani, – Rabbit production and management. M.T. Banday, H.P. Shrivastava, Henna Hamadani. Nipa publisher, 2014. – Rabbit Production, James I. McNitt, Steven D. Lukefahr, Peter Robert Cheeke, Nephi M. Patton. Ninth edition, Cabi, 2013. ISBN: 0-8134-3167-0. – Grün, P. (prir. in dopol. Kermauner, A.) Reja kuncev. ČZP 96 Kmečki glas, Ljubljana 2000,134 p, ISBN: 961-203-240-8. – Schlolaut, W. (prev. In prir. Štruklec, M.). Kuncereja. ČZP Kmečki glas, Ljubljana 1985, 70 p. – Blas, C. de, Wiseman, J. The nutrition of the rabbit. Wallingford, CAB International, 1998, 344 p., ISBN: 0- 85199-279-X.
Additional Literature:	

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Introduction to Cuniculture.
Week 2:	Genesis and importance of rabbit production in the world.
Week 3:	Development of rabbit production in Kosovo and in the region.
Week 4:	Zoological classifications of rabbits.
Week 5:	Characteristics of species.
Week 6:	Different races of rabbits.
Week 7:	Reproduction and Selection.

Week 8:	Environment, conditions and requirements.
Week 9:	Characteristics of the digestive process and nutritional requirements.
Week 10:	Diet and compilation of rations.
Week 11:	Welfare and health of rabbits.
Week 12:	The most common diseases and hygienic sanitation measures in rabbits.
Week 13:	Slaughter and quality of carcasses.
Week 14:	Behavior and welfare of animals.
Week 15:	Modern breeding technology and production control in experimental rabbits.

Academic policies and politeness' codex:
Set conduct policies conform UP status. Keeping curriculum presented in syllabus, presentation of additional information, addressing of current and emergent thematic. - Regular attendance in lectures and exercises; - Politeness' rules like: calmness and listening during the lectures; - Presence in class on time; - Mobile phone switches of.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – HUSBANDRY OF ALTERNATIVE POULTRY SPECIES

Basic data for the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Husbandry of Alternative Poultry Species
Level:	Bsc
Course status:	Elective
Study year:	II-nd + III-rd Year | IV-th + VI-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Alltane Kryeziu, Ass. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office Nr. 9, E-mail: alltane.kryeziu@uni-pr.edu

Course description:	This course provides data on the status of alternative bird species in Kosovo and other countries. Breeding and economic goals, non-commercial breeding. Natural environments, zoological classification, relaxation. Anatomical characteristics of various bird species. Squirrels of sea turtles, ducks, geese, African poultry, bulrushes, fowls, pheasants, spheres, balloons. Conservation of genetic resources. Reproduction of alternative bird species. Capturing systems, breeding of breeding animals. Opening technology and actions with one-day birds (gender determination, marking). Growth Technology. Rivers in alternative bird species. Lighting programs. Different housing systems (floor, cage, free space). Planning and construction of facilities, equipment. Meat production, food enhancement and efficiency, broiler feeding, slaughter, carcase evaluation. Production of eggs. Sexual maturity, egg production, feeding of egg type eggs. Main products and by-products of alternative bird species and their marketing. Characteristics and management of the main products (eggs, eggs) and by-products (feathers, skin, claws, fertilizers). Diseases of alternative species of birds. Preventive measures, viral, bacterial and mushroom diseases, parasitic diseases, other diseases. Growth economy of alternative species of poultry.
Course objectives:	The objectives of this course are to provide the students with the necessary information on the specifics of the cultivation of alternative species of poultry, the anatomical characteristics of the bird species, their reproduction, opening techniques, breeding systems, production (eggs,

	meat and by-products) , sexual maturity, product and by-product management, diseases in these bird species, and preventative measures of diseases. From the knowledge that students have about anatomy and physiology and from other subjects, the student will take a closer look at the aspects that relate more to the cultivation of animal species of companion.
Learning outcomes:	**After completing this course, students will be able to:** – Understand the importance of cultivating alternative species of birds. – Develop breeding and breeding programs, nutrition programs, and reproduction of various bird species. – Recognize nutrient requirements for growing, producing meat and eggs for alternative bird species. – Identify bird flu and know how to apply preventive measures to disease. – Assess the economic aspect of the growth of alternative species of birds.

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	4	12
Preparation for midterm test	1	2	2
Consultation with the teacher	2	5	10
Field work	5	3	15
Test, seminar paper	1	1	1
Homework	2	5	10
Individual learning (in library or at home)	3	10	30
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	May change and based on individual work and group collaboration. Teaching methods to be used are Lecture, group work, seminars, presentations, demonstrations, study tours.
Evaluation methods:	Multiple choise, true / false, and essay quiz. First assessment: 25%

	The second assessment: 25% Homework or other commitments 10% Regular attendance 10% Final Exam 30% Total 100%

Basic Literature:	Lectures and exercises materials (Script) prepared by the teacher`s subject, which students will be delivered at the end of each lecture (or these scripts will be find on the Faculty of Agriculture and Veterinary website). Many websites and videos are helpful.
Additional Literature:	*Selection chapter from the following sources:* – Ashton, C. 1999. Domestic Geese. Crowood Press: 192 str. – Brown, D. 1995. A Guide to Pigeons, Doves & Quail: Their Management, Care & Breeding. Australian Birdkeeper: 184 str. – Deeming, D. C. The Ostrich - Biology, Production and Health. 1999. Cabi Publishing: 358 str. – Ferguson, J. S. 1999. Gardening with Guineas. Morris Publishing: 131 str. – Gardiner, T. P. 1996. Peafowl: Their Conservation, Breeding and Management. Silvio Mattacchione & Co.: 103 str. – Holderead, D. 2001. Storey's Guide to Raising Ducks: Breeds - Health - Care. Storey Books: 316 str. – Mercia, L. S. 2001. Storey's Guide to Raising Turkeys: Breeds - Care - Health. Storey Books: 199 str. – Roberts, M. 1999. Quail, Past & Present: Coturnix Quail, Their History and Management for Hobby and Profit. Gold Cockerel Books: 87 str.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Situation in alternative poultry species in Kosovo and other countries.
Week 2:	Purposes of breeding: economic, noncommercial breeding. Natural habitats, zoological classification, domestication. Anatomic characteristics of various poultry species.
Week 3:	Breeds of turkeys, ducks, geese, guinea fowl, partridges, ostriches, pheasants, peafowl, pigeons. Conservation of genetic resources.
Week 4:	Reproduction of alternative poultry species. Systems of mating, selection of breeding animals.
Week 5:	Technology of hatching and procedures with a day-old poultry (determination of sex, marking).

Week 6:	Technology of rearing.
Week 7:	Specialties in the diet of alternative poultry species.
Week 8:	Lighting programmes.
Week 9:	Different systems of housing (floor, cages, free range). Planning and building of houses, equipment.
Week 10:	Meat production. Growth and feed efficiency, feeding broilers, slaughtering, carcass evaluation.
Week 11:	Egg production. Sexual maturity, egg production, feeding of egg-type animals.
Week 12:	Main and by-products of alternative types of poultry and marketing.
Week 13:	Traits and management of main products (eggs, meat) and by-products (plumage, skin, claws, manure).
Week 14:	Diseases in alternative poultry species. Preventive measures, viral, bacterial and fungal diseases, parasites, other diseases.
Week 15:	The economy of rearing of alternative poultry species.

Academic policies and politeness' codex:
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable. Use of classroom phones is not permitted unless the teacher asks. Consuming food in the classroom is not allowed. Lessons are not allowed in the lesson.

MODULE DESCRIPTION_ALL SUBJECTS

Course title - BEEKEEPING

Basic data of the subject	
Academic section:	Faculty of Agriculture and Veterinary
Course title:	Beekeeping
Level:	Bsc
Course status:	Elective
Study year:	III-rd Year | VI-th Semester
Number of hours per week:	2+2
Credits ECTS:	6
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof.ass.dr. Fadil Musa
Contact details:	fadil.musa@uni-pr.edu

Course description	This course is designed to provide a broad overview of bee biology, beekeeping and research frontline in apiculture. The course consists of 45 hr frontal lectures and 30 hr of practical part. The frontal lectures starts by a part of fundamentals in biology of honey bees, emphasizing the development of sociality. Students are introduced to Aphis mellifera anatomy, physiology, classification, identification, development, behavior, ecology, pheromones, dance language and orientation. Emphasis is placed on honey bees in agriculture as pollinators, honey bees products (honey, wax, propolis, pollen and venom) and on the history of the relationships between honey bees and humans from prehistoric through modern times. A second part is on beekeeping management, how to start and maintain an apiary, types of beehives, where to install an apiary, inspections of beehives, best management practices, hive management in spring, summer, autumn and winter, migratory beekeeping, how to prevent swarming, honey harvesting, how to raise queens, how to produce new nucleus colonies. A third part deals with the current bee diseases, pests and predators, with special emphasis on biological control. The practical part provides instruction to bee morphology and physiology, identification of glands, grafting larvae into artificial queen cell cups, quantification of Varro infestation and acaridae treatments. The most common types of Alpine honey are examined. Excursions to research bee centers and apiaries are planned.
Course objectives:	The purpose of this course is to provide students sufficient knowledge and information about the cultivation of bees, morphology, anatomy, physiology and biology of bees.

	Also, students will learn about bee products, apiary management, diseases and pests of bees.
Learning outcomes:	By the end of the course, students should be able to: – Have basic knowledge of bee morphology and physiology; – Associate apiculture with local agriculture products, ecosystem services and human history; – Understand the importance of honey bees as critical pollinators for both natural environments and crops productions; – Start and maintain an apiary; – Control bee diseases and pests; – Have a broad idea of international research in apiculture.

Student load (it must be correspond with expected results)			
Activities	**Hours**	**Days/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercise)	2	15	30
Practical work	3	8	24
Preparation for midterm test			0
Consultation with teacher	1	5	5
Field work	8	2	16
Test, seminar paper	2	3	6
Homework	2	4	8
Individual learning (in library or at home)	2	8	16
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	2	3	6
Project, Presentation, ect.	1	5	5
Total			150

Teaching methods:	This is a lecture-lab course in which topics are presented by the Professor. Practical parts, lab activities, and excursions are explained by the Professor and the Teaching Assistants. Generally Power Point presentations are available in the course reserve collection database of the Faculty one day after each single lecture. Additional material will be provided by the Professor. Lecture attendance is strongly encouraged. Verification of knowledge will be performed after completion of learning cycles. After completing the lectures there is compulsory testing part via colloquium and oral final exam.

MODULE DESCRIPTION_ALL SUBJECTS

Evaluation methods:	Student evaluation is made by giving the percentages of participation of each evaluation during exercises in final evaluation. First evaluation: 30 % Second evaluation: 25% Homework and other engagements 10% Regular attendance 5% Final exam 30% Total 100%

Basic literature:	1. Adzić, M. S. (1932): Odbir najmedonosnijih biljaka Jugoslavije. Beograd. 2. Avetisijan, A. G. (1965): Pčelovodstvo. Moskva. 3. Čerimagić, H. (1980): Pčelartsvo. NIRO "Zadrugar". Sarajevo. 4. Glisić, Lj. (1970): Oprašivanje biljaka. Poljoprivredna enciklopedija. Zagreb. 5. Jeftiv, T. (1974): Život i gajenje pčela. Beograd. 6. Josip, B. (1990): Bletaria Sot. Doracak për fillestarë dhe bletarë të tjerë. Biblioteka: Libri Bujqësorë. Shtypshkronja e NGBG " Rilindja" Prishtinë. 7. Konstantinović, B. (1970): Pčelarstvo. Poljoprivredna enciklopedija. Zagreb.
Additional literature:	1. Delaplane, K.S. 2006. Honey Bees and Beekeeping: A Year in the Life of an Apiary, 3rd Edition. The Georgia Center for Continuing Education, Athens, USA. 2. Ross, C. 2007. Natural Beekeeping: Organic Approaches to Modern Apiculture, White River Junction, London, UK. 3. Dadant C.P., Dadant C.C., Dadant M.G., Dadant J.C. (eds.) The Hive and The Honeybee. Dadant and Sons, Inc. Hamilton, USA. 4. Sammataro D., Avitabile A. 2011. The Beekeeper's Handbook, 4th edition. Cornell University Press, USA.

Reduction teaching plan:	
Week	**Lectures which will be development**
Week 1:	Introduction to Beekeeping- Apiculture.
Week 2:	Conditions for beekeeping development.
Week 3:	Honey bees family (society).
Week 4:	Honey bee's morphology, anatomy and physiology.
Week 5:	Bee products (honey, wax, propolis, venom, etc.)t
Week 6:	Metamorphosis, development and social organization of honey bees.
Week 7:	Spring, summer, autum, winter management of and grazing period for honey bees.

Week 8:	Types of beehives and beekeeping tools.
Week 9:	Plants for bee grazing.
Week 10:	A new apiary: where and how to install.
Week 11:	Inspection of a beehive.
Week 12:	Honey harvest manner and tools.
Week 13:	Plant polination via honey bees.
Week 14:	Main diseases and pests of honey bees.
Week 15:	Infective disease of honey bees.

Academic policies and politeness' codex:
Regular attendance in lectures and exercises politeness' rules like: calmness and listening during the lectures Presence in class on time, Mobile phone switch of

MODULE DESCRIPTION_ALL SUBJECTS

Course title – LABORATORY ANIMAL SCIENCE

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Laboratory Animal Science
Level:	BA
Curse status:	Elective
Study year:	II-nd Year | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / location:	Faculty of Agriculture and Veterinary
Teacher of the course:	Dr.sc. Skender Muji, Asoc. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office No. 26. E-mail: skender.muji@uni-pr.edu

Course description:	This course will assist in preparing qualified students in recognition of a rapid development of agriculture and society in general. Reasons to deal with laboratory animal science noted physiological and anatomical characteristics different types of laboratory animals: Including mice, guinea pigs and other animals such as rabbits, pigs, dogs, cat, frogs, birds and other animal's special laboratories in the face. Genetic characteristics of laboratory animal breeds: homozygote chains, cloning, genetic manipulation in chains, heterozygote and conventional lines. Laboratory animal nutrition, digestive physiology, nutritional requirements, standardization of diets, experimental diets, feeding and giving water. Moreover, this course is designed to help students gain a better understanding and develop the skills necessary to assess the value of companion animals standards, and be able to present their assessments in writing, give recommendations, and compare alternative action activities.
Course objectives:	The Laboratory Animal Science aims to provide students of animal and veterinary studies with current scientific achievements in this field. Students gain knowledge of a systematic approach to the study of local problems, regional and global in this very important area. Special focus will be given to the special characteristics of various types of Laboratory Animal reproduction modes of various species and finding alternative methods to replace animal with conventional methods for new experiments. The aim of the course is to enable students to acquire basic concepts of

	ethology, perception and behavior of animals during lectures and exercises.
Learning outcomes:	**After completing this course, students will be able to:** – Recognize the fundamental knowledge of the theoretical foundations and practical types are used in modern laboratories. – Examine the information necessary for the importance of Science biology laboratory animals – Equipped with enough knowledge about the possibilities of application of current scientific achievements in this field. – Develop and demonstrate protocols for different types of knowledge gained from this course to apply in practice.

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	5	15
Preparation for midterm test	1	1	1
Consultation with teacher	2	8	16
Field work	3	2	6
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	3	10	30
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Can change and rely on individual work and group collaboration. The teaching methods to be used are lectures, group work, seminars, presentations, demonstrations, study visits.
Evaluation methods:	Midterm Evaluation 10% Homework or presentations, seminars 40% Regular attendance 10% Final exam 40% Total 100%

Basic Literature:	1. V. Spaho.19993. Biologjia e kafsheve të laboratorit dhe zooparqeve. Tiranë. 2. 1 Monamy, V. 2000. Animal experimentation. Cambridge University Press, 110 p. 3. Eila Kaliste The Welfare of Laboratory Animals 2007 Springer

	P.O. Box 17, 3300 AA Dordrecht, The Netherlands
Additional literature:	1. M orag G. Kerr. Veterinary Laboratory medicine 2002. Second edition. 2. Svendsen, P., Hau, J. 1994. Handbook of laboratory animal science. CRC Press,

Redaction teaching plan	
Week	**Lectures to be developed**
Week 1:	Introduction: History of laboratory animal science,
Week 2:	Gnotobiote Inbreed lines and animals, SPF, cobs, conventional animals.
Week 3:	Genetic characteristics of laboratory animal breeds: homozygote chains, cloning, genetic manipulation in chains, lines and conventional heterozygote.
Week 4:	Animal nutrition laboratory: physiology of digestion, nutritional requirements, standardization of diets, experimental diets, feeding and giving water.
Week 5:	Physiology and Reproduction of Animal Laboratory.
Week 6:	Care and maintenance of laboratory animals. Knowledge and prophylaxis hygiene of laboratory animal diseases
Week 7:	Good laboratory practice (GLP), environmental conditions, room, Vivarium, research centers, quarantine stage.
Week 8:	Hygiene and sanitary measures, records, protocols, etc.
Week 9:	Health Care: The main diseases of laboratory animals, monitoring (inspection) and estimates Zoo noses
Week 10:	Ethics and law, bioethics, animal welfare conventions, legislation (law and rules book), alternative methods.
Week 11:	Special Part of. Use of dogs
Week 12:	The use and manipulation of rabbits
Week 13:	Using guinea pigs.
Week 14:	Using mice.
Week 15:	The use of other laboratory animals.

Academic policies and politeness' codex:
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable. Use of classroom phones is not permitted unless the teacher asks. Consuming food in the classroom is not allowed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – HORSE BREEDING

Basic data of the subject	
Academic Unit:	Agriculture Faculty and Veterinary
Course title:	Horse breeding
Level:	BA
Course status:	Elective
Study year:	I
Number of hours per week:	2+2
Credit value – ECTS:	6 ECTS
Time / location:	Agriculture Faculty and Veterinary
Lecturer:	Dr.sc. Alltane Kryeziu, Ass. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office Nr. 9; E-mail: alltane.kryeziu@uni-pr.edu

Course description	In this course students will learn about the history of horse domestication and breeds. Anatomical characteristics and behavior of horses. Genetic Characteristics of horses and equine family members. Evaluation of exterior, reproduction, feeding and housing and management of horses.
Course objectives:	The purpose of this course is that students at this level of study can obtain knowledge and skills of general and special practices for application in the field of horse breeding. This course also aims to provide all the knowledge related to reproduction (recognition and function of reproductive physiology), genetic characteristics of horses, lactation and productivity of mare in milk production. Principles of equine nutrition. Care and housing of horses.
Learning outcomes:	After completing this course, students will be able to: – Solve all problems that arise in the field of breeding horses and to assess current trends in this field. – Identify breeds of horses and recognize their anatomical characteristics. – Apply knowledge gained on genetic traits for successful breeding traits in breeding horses. – Familiar with the main routes for horse breeding plans. – Identify and complete reproductive cycle, stages of this cycle. – Breeding during the lactation.

	– The feeding and housing of horses.

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	4	12
Preparation for midterm test	1	2	2
Consultation with teacher	2	6	12
Field work	3	3	9
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	3	11	33
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	May change and based on individual work and group collaboration. Teaching methods to be used are Lecture, group work, seminars, presentations, demonstrations, study tours. Lectures (40%) Practical work (field work, laboratory work) (20%) Individual work and presentation by students (20%) Others guides (10%) Assessment (10%)
Evaluation methods:	Multiple choise, true / false, and essay questions. First assessment: 25% The second assessment: 25% Homework or other commitments 10% Regular attendance 10% Final Exam 30% Total 100%

Basic Literature:	1. Materialet e ligjëratave dhe ushtrimeve (Skriptat) të përgatitura nga arsimtari i lëndës të cilat do tu dorëzohen studentëve në fund të çdo ligjërate (ose këto skripta do të vendosen në faqen e Fakultetit të Bujqësisë dhe Veterinarisë në Prishtinë).
Additional literature:	Selection chapter from the following sources:

	1. Juan C. Samper DVM MSc PhD DiplACT (Dec 26, 2008). Equine Breeding Management and Artificial Insemination, second edition 2. Shumë faqe të internetit dhe video janë të dobishme.

Designed study plan:	
Week	**Lecture which will be develop**
Week 1:	Introduction. Horse domestication.
Week 2:	Horse breeds.
Week 3:	Behaviour of the horse.
Week 4:	Anatomical features of the horse.
Week 5:	Genetic characteristics of the horse.
Week 6:	Genetic characteristics of the Equidae family members.
Week 7:	Reproduction of a horse
Week 8:	Exterior judging
Week 9:	Lactation period
Week 10:	Production of mare's milk.
Week 11:	Horse nutrition.
Week 12:	Working with horses
Week 13:	Horse care.
Week 14:	Buildings in horse husbandry.
Week 15:	Equine sports.

Academic policies and politeness' codex:
Students should respect fellow classmates, teachers, and all school property Behave in an appropriate and professional manner Complete all assignments according to directions and turned in on time The student should participate in classroom discussion, assignments, and projects Arrive to class and begin work promptly Cell phones are only allowed with teacher approval Absences: Following an absence, it is the student's responsibility to find out what he/she missed, and turn in his/her work. If the student needs any additional help to understand and complete the missed assignments, my door is always open for tutoring. Attendance is crucial to the course, while students are highly encouraged to participate in classroom activities, discussions, demonstrations, and projects.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – Horse Nutrition

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Horse Nutrition
Level:	Bsc
Course status:	Elective
Study year:	III
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / location:	Faculty of Agriculture and Veterinary
Lecturer:	Dr.sc. Alltane Kryeziu, Ass. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office Nr. 9, E-mail: alltane.kryeziu@uni-pr.edu

Course description	**Horse Feeding** course will cover many aspects of nutrition ranging from anatomy and physiology of the gastrointestinal tract to the management of equine rations related to nutrition and affected by the disorder. Requirements for nutrients such as energy, protein and cellulose. The value of food and pasture for horses. Foal nutrition, growing horses, horses manufacturer, mare and stallion. Feeding and health-related problems. Formulate rations and feedstuffs for different categories of horses.
Course objectives:	The main aim of the **Horse Nutrition** the course is understanding of anatomy, physiology and metabolic processes associated with digestion, absorption and utilization of food in horses. Understanding the chemistry of nutrients. To create the necessary skills to assess the food used in nutrition counseling for horses. Understanding the requirements for nutrient horses such as age, work, reproductive stage and clinical support.
Learning outcomes:	**After completing this course, students will be able to:** • Understand the theory about the study of equine nutrition. • Understand the functioning of the digestive system in horses. • Assess and balance rations for horses. • Apply nutritional theories for horses. • Assess and develop nutritional programs for

	different categories.

Contribution on student load (must correspond with learning outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Exercises	2	15	30
Practical work	3	4	12
Preparation for midterm test	1	2	2
Consultation with teacher	2	6	12
Field work	3	3	9
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	3	11	33
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
			150

Teaching methods:	*May change and based on individual work and group collaboration. Teaching methods to be used are Lecture, group work, seminars, presentations, demonstrations, study tours.* *Lectures (40%)* *Practical work (field work, laboratory work) (20%)* *Individual work and presentation by students (20%)* *Others guides (10%)* *Assessment (10%)*
Evaluation methods:	*Multiple choise, true / false, and essay questions.* *First assessment: 25%* *The second assessment: 25%* *Homework or other commitments 10%* *Regular attendance 10%* *Final Exam 30%* *Total 100%*

Basic Literature:	Lectures and exercises materials (Script) prepared by the teacher`s subject, which students will be delivered at the end of each lecture (or these scripts will be find on the Faculty of Agriculture and Veterinary website). Many websites and videos are helpful.
Additional Literature:	*Selection chapter from the following sources:* • *Frape D. Equine nutrition and feeding. Wiley-Blackwell. 2010. 498 str. ISBN978-1-4051-9546-1.*

	• *Cunha. Horse feeding and nutrition. Academic Press., 1991, 445 p., ISBN: 0-12-196561-9.* • *Ellis in Hill. Nutritional physiology of the horse. 2005, 361 p., ISBN: 1-897-67646-8.* • *Meyer and Coenen. Pferdefütterung, Parey Verlag, 2002, 224 p., ISBN: 3-8263-3398-5.* • *Pilliner. Practical feeding of horses and ponies. Blackwell science, 1998, 202 p., ISBN: 0-632-04828-X.* • *Ramey et al. Nutrition of the horses. Ringpress Books, 1998, ISBN: 1-86054-120-8.* • *National Research Council. Nutrient requirements of horses. National Accademies, 2007, 341 p., ISBN-10: 0-309-10212-X.*

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Anatomy and physiology of horse digestive system
Week 2:	Energy requirement.
Week 3:	Protein requirement.
Week 4:	Fibre and another nutrient requirement.
Week 5:	Horse feed evaluation.
Week 6:	Horse pasture evaluation.
Week 7:	Feeding the foal.
Week 8:	Feeding the growing horse.
Week 9:	Feeding the performance horse.
Week 10:	Feeding mare during pregnancy period.
Week 11:	Mare feeding after foaling
Week 12:	Feeding stallions
Week 13:	Feeding and health-related problems
Week 14:	Diets for different horse categories.
Week 15:	Feed mixtures formulation for different horse categories.

Academic policies and rules of conduct:
Students should respect fellow classmates, teachers, and all school property Behave in an appropriate and professional manner Complete all assignments according to directions and turned in on time

MODULE DESCRIPTION_ALL SUBJECTS

The student should participate in classroom discussion, assignments, and projects Arrive to class and begin work promptly Cell phones are only allowed with teacher approval Absences: Following an absence, it is the student's responsibility to find out what he/she missed, and turn in his/her work. If the student needs any additional help to understand and complete the missed assignments, my door is always open for tutoring. Attendance is crucial to the course, while students are highly encouraged to participate in classroom activities, discussions, demonstrations, and projects.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – COMPANION ANIMALS

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Companion Animals
Level:	Bsc
Curse status:	Elective
Study year:	II-nd Year | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Dr.sc. Skender Muji, Asoc. Prof.
Contact details:	Office No. 26. E-mail: skender.muji@uni-pr.edu

Course description:	This course will assist in preparing qualified students in recognition of a rapid development of agriculture and society in general. Reasons to deal with companion animals. Man and dog, the role of the dog being in society by domestication so far. Use the dog for different purposes. The role of cats in human society. Other animals used as animal companionship. The importance of knowing their owners on companion animals. Animal Welfare of companion animals. The legislation regarding the protection of animals. Moreover, this course is designed to help students gain a better understanding and develop the skills necessary to assess the value of companion animals standards, and be able to present their assessments in writing, give recommendations, and compare alternative action activities.
Course objectives:	The companion Animals aims to increase the knowledge of students about the importance of the knowledge gained from this course human society. The program of this course will help prepare qualified experts in veterinary sciences. The role of dogs and cats in human society by their domestication so far. Moreover, this course aims to help students gain a better understanding of the welfare of these animals and other wild animals used by man for society. The aim of the course is that you enabled students during lectures and exercises to acquire basic concepts of selenology and Kinology to care for them as well as get acquainted with current legislation regarding the protection of animals. The aim of the course is to enable students to acquire basic concepts of ethology, perception and behavior of animals during lectures and exercises.
Learning outcomes:	After completing this course, students will be able to:

	– Define the meaning of the study of animal companionship, – Describe the basic settings for domestication animals and wild companionship, – Recognize the characteristics of factors specific types of animal companionship. – Explain the role of animals in human society companionship – To better understand the methods of breeding for certain welfare. – Explain legislation regarding the protection of animal companion rights.

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	4	12
Preparation for midterm test	1	2	2
Consultation with teacher	2	5	10
Field work	3	2	6
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	3	12	36
Preparation for final exam	2	2	4
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	3	6
Total			150

Teaching methods:	Can change and rely on individual work and group collaboration. The teaching methods to be used are lectures, group work, seminars, presentations, demonstrations, study visits.
Evaluation methods:	Midterm Evaluation 10% Homework or presentations, seminars 40% Regular attendance 10% Final exam 40% Total 100%

Basic Literature:	1. Kafshët e Shoqërimit (Ligjërata të autorizuara) të përgatitur nga mësimdhënësi (S. Muji, E. Zhitia) 2019. 2. Karen Campbell, John Campbell. 2008. Companion animals
Additional literature:	1. Bradshaw J.W.S. 1992. The Behaviour of the Domestic Cat. Wallingford, CAB International: 219 p., ISBN: 0 2. Thorne C. 1992. The Waltham Book of Dog and Cat Behaviour.

	Oxford, Pergamon Press: 159 p., ISBN: 0-08-040822-2. 3. Tabor R. 2003. Razumeti mačke. Ljubljana, Kmečki glas: 143 p., ISBN: 961-203-262-9.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Introduction: Companion Animal and their role in human society,
Week 2:	Animal husbandry industry
Week 3:	Dog and cat breeds and their characteristics
Week 4:	Choosing a dog or cat
Week 5:	Accompanying birds
Week 6:	Associated Reptiles;
Week 7:	Rodents, Ferrets and rabbits as companion animals
Week 8:	Horses like accompanying animals
Week 9:	Food and nutrition for dogs and cats
Week 10:	Behavior of companion animals and social structure
Week 11:	Care, management and training of dogs and cats
Week 12:	Animal welling planning, animal documentation, animal show
Week 13:	Use of accompanying animals for therapeutic and service purposes
Week 14:	Kennels / design and management of shelters
Week 15:	Legislation related to animal protection

Academic policies and politeness' codex:
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable. Use of classroom phones is not permitted unless the teacher asks. Consuming food in the classroom is not allowed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title: WILDLIFE NUTRITION AND FEEDING

Basic Information For The Course	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Wildlife Nutrition and Feeding
Level:	Bsc
Course status:	Elective
Study year/semester:	III | VI
Number of hours per week:	3 + 2
Credit value – ECTS:	6 ECTS
Time / Place:	
Lecturer:	Muhamet. A. Kamberi
Contact details:	E-mail: muhamet.kamberi@uni-pr.edu Tel mobil: 044 205 863

Course description:	The course contains the basics of general information on wildlife species nutrition and terminology used. Composition of feedstuffs. Biological role, importance and composition of proteins, fats and nitrogen-free extract, fiber, macro elements, trace elements and vitamins. Gastrointestinal anatomy, function, digestion, nutrient absorption, utilization and requirements of wild species. Characterization and use of forages in feeding. Practical aspects of feeding.
Course objectives:	The objectives of this course are manyfold. The focus will be given to increase the awareness of students on th importance of wildlife species (with the main emphasis on nutrition) on wildlife preservation rather than just economical aspects. Specifics and similarities of the wildlife and domesticated animals will also be treated.
Expected Learning outcomes:	By the completion of this course students are expected to: – Know main specifics of the nutrition of wildlife species – Differentiate gastrointestinal anatomy and nutrition physiology of wildlife species – Characterize nutrients and feed classes and their role in wildlife nutrition – Be familiar with the principles of nutrient requirements and ration formulation for wildlife species

Student workload: 6 ECTS			
Activity	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Exercises (theoretical/laboratory)	2	15	30
Practical work	1	15	15
Other contacts with teacher/consultations	1	2	2
Field exercises	1	4	4

Colloquium, seminar	1	15	15
Home work	1	3	3
Own study time (library, home)	1	3	3
Preparation for final exam	2	15	30
Time spent on assessment (tests, quizzes, final exam)	1	13	13
Presentation, project ideas, etc.	1	3	3
Total			150

Teaching methods:	Theoretical lectures, Computer lab exercises, discussions, team work. Use of modern audiovisual tools, in teaching
Evaluation methods:	Continous evaluation during teaching, regular and active participation in classes. Final writen and/or oral exam.

Basic Literature:	Materials prsented during teaching
Additional Literature:	Selected chapters from: – McDonald P., R.A. Edwards, J.D.F. Greenhalgh in C.A. Morgan 1995. Animal Nutrition. 5th edition. – Longman Scientific & Technical, Singapore, 607 s., ISBN: 0-582-21927-2 – Robbins, C.T. 1983. Wildlife feeding and nutrition. Academic Press, Orlando, USA, 343 s., ISBN: 0-12-589380-9 – Barboza, P.S., Parker, K.L. in Hume, I.D. 2010. Integrative wildlife nutrition. Springer-Verlag, Berlin, Germany, 342 s., ISBN: 978-3-642-03695-8 – Sinclair A.R.E., Fryxell, J.M. in Caughley, G. 2006. Wildlife Ecology, conservation, and management. Second edition, Blackwell Publishing, Malden, USA, 469 s., ISBN: 978-1-4051-0737-2.

Detailed weekly teaching plan:	
Week	**Lecture Title**
Week 1	Significance of wildlife nutrition and supplementary feeding
Week 2	Digestive tract anatomical characteristics of important wildlife species
Week 3	Feed composition and their significance in wildlife nutrition.
Week 4	Particularities in the energy and nutrients allowances
Week 5	Important wildlife feeds in natural environment.
Week 6	Feeds of animal and plant origin. Other feed and additive sources.
Week 7	Feed conservation and feed preparation for some wildlife species
Week 8	Wildlife nutrition in natural environment, supplementary feeding and devices for supplementary feeding
Week 9	Nutrition and carrying capacity and nutrition and reproduction and survival of wildlife
Week 10	Feed habits of most common ruminant wildlife species (red deer, roe deer, wild boar, brown bear, wolf …)

Week 11	Practical aspects of feeding of wild monogastric omnivorous mammals (wild boar) and game fowls (pheasant, duck). Formulation of different rations for monogastric games: wild boar and fowls.
Week 12	Wildlife and agriculture
Week 13	Calculation of feed digestibility for different wildlife species
Week 14	Calculation of rations for supplementary feeding of wildlife species and rearing wildlife species in captivity
Week 15	Filed visit to National Park Blinaja or other.

Academic policies and rules of conduct:
Students are required to attend lectures and exercises regularly. With more than three unjustified absences, regular attendance will not be verified (which means may not be allowed to enter the final exam). During hours of lectures, laboratory exercises and practical work in the field, students are required to comply with the general rules of academic conduct (entry time into learning, quieting down, use of cell phones and other electronic devices).

MODULE DESCRIPTION_ALL SUBJECTS

Course title – CARCASS EVALUATION AND GRADING

Basic data of the subject	
Academic Unit:	Faculty of Agriculture and Veterinary
Course title:	Carcass Evaluation and Grading
Level:	Bsc
Course status:	Elective
Study year:	II-nd or III-rd Year | IV-th or VI-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Lecturer:	Prof dr.Nuridin Mestani; Prof.dr.Hajrip Mehmeti
Contact details:	Office number 22; nuridin.mestani@uni-pr.edu Tel. 038 603 846; 038 603 668

Course description	Subject "Carcass Evaluation and Grading" includes recognition of the component parts of the slaughtered body (carcass) of different types of animals, then assessment, grading and carcass quality for economic impact, standards for carcass grading: comparison among different farm animal species, factors affecting carcass quality in farm animals and importance of carcass quality for economic meat production.
Course objectives:	The Objective of the course " Carcass Evaluation and Grading " is to connect the theoretical with the practical and visits to slaughterhouses, the student is trained to assess the qualities of different parts of the body and to make their categorization depending on the quality , in order to meet customer requirements with quality meat from different parts of the animal body.
Learning outcomes:	**The student will be able to:** – Gain knowledge about the quality of the carcass. – Gain knowledge of the carcass grading. – Recognize the carcass grading standards. – Ask the carcass comparing different types of animals. – Recognize factors affecting in carcass quality and economic impact of meat production.

Student load (it must be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Days/Week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	2	5	10

Preparation for midterm test	1	2	2
Consultation with the teacher	1	8	8
Field work	4	1	4
Test, seminar paper	3	1	3
Homework	2	5	10
Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	8	16
Time spent in assessment (tests, quizzes, final exam)	1	3	3
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Lectures (Power Point presentation, photos and graphics) Practical work in a laboratory Individual presentation by students Supplementary/additional students arrangements General evaluation (students attendance)
Evaluation methods	First assessment: 20% Second assessment: 20% Homework or other commitments: 10% Regular attendance: 10% Final Exam: 40% Total 100%

Basic Literature:	1. Mestani, N: Vlerësimi dhe Kategorizimii i Karkasës. Ligjërata të autorizuara. 2. Morgan, S.D., Jones, P.D. (Ed.) 1995. Quality and grading of carcasses of meat animals. CRC Press, 234 p., ISBN: 0-8493-5023-9.
Additional Literature:	1. Campbell, Kenealy, Campbell, McGraw-Hill. 2003. Animal Sciences. Higher Education. 2. Jensen, W. K., C. Devine, M. Dikeman. (Ed.) 2004. Encyclopedia of Meat Sciences, Elsevier Academic Press, pp. 290-306, 1012-1021, ISBN: 0-12-464970-8, ISBN: 0-12-464970-4. 3. Current legal basis in this specific field.

Redaction teaching plan:	
Week	**Lectures to be developed**
Week 1:	Definition of carcass quality.
Week 2:	Historical evolution of carcass evaluation and grading.
Week 3:	Review of objective and subjective systems of carcass grading in Kosova and worldwide.
Week 4:	Standards for carcass grading: comparison among different farm animal species.
Week 5:	1st Intermediary Test.

Week 6:	Standards for carcass grading for cattle.
Week 7:	Standards for carcass grading for small ruminants.
Week 8:	Standards for carcass grading for poultry.
Week 9:	Standards for carcass grading for swine.
Week 10:	2nd Intermediary Test.
Week 11:	Grading of single carcass cuts.
Week 12:	Factors affecting carcass quality in farm animals.
Week 13:	Importance of carcass quality for economic meat production.
Week 14:	Visits of animals slaughter.
Week 15:	Final Test.

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

Course title – ENVIRONMENTAL ASPECTS OF ANIMAL BREEDING

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	**Environmental aspects of animal breeding**
Level:	Bsc
Curse status:	Elective
Study year:	II-nd Year | III –rd Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher of the course:	Dr.sc. Skender Muji, Asoc. Prof.
Contact details:	Faculty of Agriculture and Veterinary Office No. 26. E-mail: skender.muji@uni-pr.edu

Course description:	This course will assist in preparing qualified students in recognition of environmental aspects of animal breeding put special emphasis on the principles of sustainable development then attention Conservation land and water resources and biological diversity, review the material, energy and functional interrelationship between animal husbandry and environment. Different technologies of animal husbandry. The interaction between specific types of environment. Breeding of wild deer and birds Aquaculture beekeeping. Linking positive exploitation of domestic animals with the use of fertilizers composting environment to prevent excessive growth of pastures. Strategies for prevention of environmental stress in intensive animal breeding, and be able to present their assessments in writing, give recommendations, and compare alternative action activities.
Course objectives:	The subject of environmental aspects of animal breeding aims to increase the knowledge of students regarding possible changes in the organization of domestic animals and wild ones because of external factors and internal environmental factors. The program of this course will help prepare qualified experts in animal and veterinary sciences, in recognition of the interconnection of different types of animals and the environment. Special knowledge on environmental protection from intensive animal husbandry. The aim of the course is that you enabled students during lectures and exercises to acquire basic concepts of

	conservation of land and water resources and biological diversity.
Learning outcomes:	**After completing this course, students will be able to:** – Define the meaning of the Principles of sustainable development, – Describe the basic settings on the conservation of land, water resources and biological diversity, – Recognize the main factors affecting the relations amongst different types of animals and the environment. – Explain the role of intensive methods of animal husbandry and environmental protection. – Understand the strategies of preventing environmental stress in intensive animal breeding

Student load (should be in accordance with Student Learning Outcomes)			
Activity	**Hours**	**Day/week**	**Total**
Lecture	2	15	30
Theory/Laboratory work/Excercise)	2	15	30
Practical work	3	4	12
Preparation for midterm test	1	3	3
Consultation with teacher	2	3	6
Field work	3	5	15
Test, seminar paper	1	2	2
Homework	2	5	10
Individual learning (in library or at home)	3	10	30
Preparation for final exam	2	3	6
Time spent in assessment (tests, quizzes, final exam)	1	2	2
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Can change and rely on individual work and group collaboration. The teaching methods to be used are lectures, group work, seminars, presentations, demonstrations, study visits.
Evaluation methods:	Midterm Evaluation 10% Homework or presentations, seminars 40% Regular attendance 10% Final exam 40% Total 100%

Basic Literature:	Bailey, R. G. 1998. Ecoregions, Springer Verlag, London, 547 p.,

	ISBN: 86-341-0713-2. Gliessman, S. R., Krieger, R., E. Engels. 1997. Agro ecology: Ecological processes in sustainable agriculture. Amazon,CRC Press, London, 384 p., ISBN: 0-387-98311-2. Ohio State University Internet Guides and Extensions: http://ohioline.osu.edu/lines/ennr.html
Additional literature:	Periodicals: Agricultural Systems (ISSN: 0308-521X).

Redaction of teaching plan	
Week	**Lectures to be developed**
Week 1:	Introduction: Principles of sustainable development
Week 2:	Ecosystem and its capacity.
Week 3:	Conservation of soil, water resources and biological diversity.
Week 4:	Legislative Basis for land protection, land resources and biological
Week 5:	Review of material, energy and functional interrelationship
Week 6:	Various technologies in animal breeding (breeding in the barn,
Week 7:	Interaction with the environment specific types of cattle breeding,
Week 8:	Breeding flocks of ruminants (sheep and goats)
Week 9:	Wild deer husbandry, poultry, aquaculture, beekeeping.
Week 10:	Preserving ecosystems
Week 11:	The interrelation of positive exploitation of domestic animals with
Week 12:	Preservation of cultural landscapes
Week 13:	Environmental protection in intensive animal breeding
Week 14:	Strategies for the prevention of environmental stress in intensive
Week 15:	The goal of conservation and sustainability of the use of genetic

Politikat akademike dhe Kodi i Sjelljes
Participation of students and lectures and exercises is mandatory. Reflection on group work is desirable. Use of classroom phones is not permitted unless the teacher asks. Consuming food in the classroom is not allowed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – RURAL DEVELOPMENT

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Rural Development
Level:	Bachelor
Curse status:	Elective
Study year:	II-nd | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof.Dr. Hysen Bytyqi.
Contact details:	Faculty of Agriculture and Veterinary Office No. 26: hysen.bytyqi@uni-pr.edu Office No.9: alltane.kryeziu@uni-pr.edu

Course description	Course content: The course the rural development will deal with sources of diversification of farm incomes and employment; review of alternatives with basic tools of marketing; decision-making steps concerning implementation of rural development measures at the level of an agricultural holding, etc.
Course objective:	Rural Development course aims the increasing knowledge of students regarding the role and basic principles of rural development.
Learning outcomes:	After completing this course, students will be able to: – Interpret standard of rural development related content. – Describe the structure of farm incomes and diversifications – Describe development activities at the level of an agricultural holding – Describe the role of the state in rural development.

Student load (it must be correspond with expected results)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercise)	2	15	30
Practical work	2	6	12
Preparation for midterm test	2	1	2
Consultation with teacher	2	7	14
Field work	2	4	8
Test, seminar paper	2	2	4
Homework	2	5	10
Individual learning (in library or at home)	2	15	30

MODULE DESCRIPTION_ALL SUBJECTS

Preparation for final exam	2	1	2
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation method:	First assessment: 20% Second assessment: 20% Homework or other commitments 10% Regular attendance 10% Final Exam 40% Total 100%

Basic Literature:	1. Materials of lectures and exercises prepared by the subject teacher (Hysen Bytyqi) which will be submitted to the students at the end of each lecture (or these scripts will be placed on the Faculty of Agriculture and Veterinary Faculty in Pristina). 2. Subject-related science articles that can be found on the pages of Internet scientific journals).
Additional literature:	1. Malcolm J Moseley. 2013. Rural Development. Principles and Practice. ISBN:0761947671.Publisher: SAGE Publications. 2. Robert Chambers. 1983. Rural Development: Putting the Last First. ISBN 0582644437.

Redaction teaching plan	
Week	**Lectures to be developed**
Week 1:	Introduction to the course content and aims
Week 2:	Rural areas in Kosova – common characteristics and differences.
Week 3:	Development trends in rural areas (demographic, economic, social).
Week 4:	Agriculture and rural development (structural characteristics of agriculture in Kosova and EU
Week 5:	Rural development economic indicators, incomes in agriculture, income.
Week 6:	Rural development and diversification strategies
Week 7:	Rural development and supplementary activities on farms
Week 8:	Systematic of public interventions in rural development (problems – objectives – measures).
Week 9:	Review of rural development measures.

Week 10:	Sustainable management of natural resources and spatial attributes.
Week 11:	Restructuring of agri-food and forestry sectors.
Week 12:	Key principles of spatial management in rural areas.
Week 13:	Elements of good practice in spatial planning, land amelioration measures.
Week 14:	Rural development within the wider policy framework and institutional setup (regional development, EU Cohesion Policy, development initiatives at local levels).
Week 15:	Development activities at the level of an agricultural holding

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – PETS NUTRITION

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Pets nutriotion
Level:	Bachelor
Curse status:	Elective
Study year:	II-nd | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof.Dr. Muhamet. A. Kamberi
Contact details:	E-mail: muhamet.kamberi@uni-pr.edu Tel mobil: 044 205 863

Course description	This course is composed of lectures about general nutrition as a discipline with emphasizes to pet animals. The various nutrients and nutrient requirements will be described, as well as how they are utilized by the animal during life cycle. The nutritional considerations of various pet and companion species (Canine, Feline, Equine, Rabbit, Birds, Fish etc) will also be covered
Course objective:	The objectives of this course are to aqiuint students with the necessary informations about pet animal nutrition specifics. From the knoledge student got erlier on animal nutrition (nutrients and feeds), student will get closer view on these aspects related to pet and companion animal.
Learning outcomes:	By the completion of this course students are expected to: – Understand the importance of certain nutrients for pet animals – Differentiate specifics of the nutrition and feeding of pet animals – Know principles of ration formulation of different pet and companion animal species based on their nutrient requirements

Student load (it must be correspond with expected results)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercise)	2	15	30
Practical work	2	6	12
Preparation for midterm test	2	1	2
Consultation with teacher	2	7	14
Field work	2	4	8

MODULE DESCRIPTION_ALL SUBJECTS

Test, seminar paper	2	2	4
Homework	2	5	10
Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	1	2
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Theoretical Lectures, practical work in farm and field, seminars, group discussions. The use of modern audiovisual tools for teaching and exercises.
Evaluation method:	Continous evaluation during teaching, regular and active participation in classes. Final writen and/or oral exam.

Basic Literature:	1. Materials present during lectures
Additional literature:	Selected chapters from: 1. NRC. 2006. Nutrient requirements of dogs and cats. National research council of the national academies. Washington, The national academies press: 398 p. 2. Agar S. 2001. Small animal nutrition. Oxford, Butterworth Heinemann: p str 3. Case L.P. in sod. 2000. Canine and feline nutrition. St. Louis, Mosby:

Redaction teaching plan	
Week	**Lectures to be developed**
Week 1:	Introduction to pets nutrition, Importance of proper nutrition of pets.
Week 2:	The digestive tract and digestion physiology of pet animals
Week 3:	The importance of different nutrients in the nutrition of each species and the specificity in relation to nutrients and their metabolism. Carbohydrates and Proteins
Week 4:	Fats and Minerals
Week 5:	The importance of water in animal nutrition
Week 6:	Main feed classes of feeds used in pets nutrition
Week 7:	Nutrition of dogs,
Week 8:	Nutrition of cats,
Week 9:	Nutrition of ornamental birds
Week 10:	Nutrition of fish
Week 11:	Nutrition of Hamsters, guinea pigs, and some reptiles.
Week 12:	Industrially prepared foods or diets available on the Kosovo market.
Week 13:	Nutritive disorders of pet animals

Week 14:	The feeding of the diets for different categories, diets for various diseases or health problems.
Week 15:	Advantages and disadvantages of home-made meals especially for dogs and cats and other pet animals

Academic policies and politeness' codex:
Students are required to attend lectures and exercises regularly. With more than three unjustified absences, regular attendance will not be verified (which means may not be allowed to enter the final exam). During hours of lectures, laboratory exercises and practical work in the field, students are required to comply with the general rules of academic conduct (entry time into learning, quieting down, use of cell phones and other electronic devices).

MODULE DESCRIPTION_ALL SUBJECTS

Course title – ENGLISH LANGUAGE

Informatat themelore për lëndën	
Njësia akademike:	Fakulteti i Bujqësisë dhe Veterinarisë
Titulli i lëndës:	Gjuhë Angleze
Niveli:	Master
Statusi lëndës:	Zgjedhore
Viti i studimeve:	Viti i II-të | Semstri i III-të
Numri i orëve në javë:	2+2
Kreditë ECTS:	6 ECTS
Koha / Vendi:	Fakulteti i Bujqësisë dhe Veterinarisë, Prishtine
Mësimëdhënësi:	Angazhohet nga UPHP
Të dhënat kontaktuese:	**----**

Përshkrimi i lëndës:	Kursi zhvillon aftësitë e leximit, te folurit, shkrimit dhe të dëgjimit dhe prezanton gramatiken ne nje menyre e cila ofron ushtrime dhe tejkalimin e problemeve te zakonshme ne strukture dhe aplikimin e koheve. Kursi përmban tema të ndryshme nga jeta e përditshme, kultura dhe tekste autentike të cilat kane për qëllim ngritjen e nivelit te leximit dhe kuptimit dhe komunikimit gojor dhe me shkrim nëpërmjet aktiviteteve të ndryshme si p.sh. prezantime, ese, pune jashtë klasës, dëgjim, diskutim etj.
Qëllimet e lëndës:	Ky kurs ka për qëllim që të: Rrisë aftësitë e studentëve në lexim, shkrim, dëgjim dhe komunikim gojor ne fushën e tyre specifike te studimit. Të rrisë vetëbesimin e studentëve të komunikojnë në gjuhën angleze nëpërmes të folurit dhe shkrimit. Të pasurojnë fjalorin e tyre përmes leximit të pavarur dhe dëgjimit të gjuhës angleze Të komunikojnë mendimet e tyre. Të përdorin stile të ndryshme të anglishtes në kontekste të ndryshme. Të fitojnë njohuri në gramatikë duke mësuar dhe praktikuar gramatikën në kontekst.
Rezultatet e pritshme të nxënies:	Pas përfundimit të kursit studenti do të: − ketë aftësi të të folurit, dëgjuarit, shkrimit dhe leximit të cilat mundësojnë mënyra efektive dhe të ndryshme të komunikimit në situata reale brenda dhe jashtë kontekstit akademik ne fushën e tyre studimore − përjetojë dhe të analizojë stile të ndryshme të gjuhës angleze − komunikojë me njerëz të profilit te caktuar por edhe te sektorëve të tjere qe lidhen me fushen e tij/saj te

	studimit.

Ngarkesa e studentit (duhet të jetë në përpudhje me Rezultatet e Nxënies të studentit)			
Aktiviteti	**Orë mësimore**	**Ditë/Javë**	**Gjithësej**
Ligjërata	2	15	30
Teori/Punë në laborator/Ushtrime)	2	15	30
Punë praktike	3	3	9
Përgatitje për test intermediar	2	2	4
Konsultime me mësimdhënësin	1	11	11
Puna në terren			0
Testi, punimi seminarik	3	2	6
Detyra të shtëpie	4	5	20
Mësimi individual (në bibliotekë apo në shtëpi)	2	15	30
Përgatitja për provimin final	2	3	6
Koha e kaluar në vlerësim (teste, kuize, provim final)	1	2	2
Projekte, prezantime, etj.	1	2	2
Total			**150**

Metodat e mësimëdhënies:	Ligjëratat Ushtrime Detyrat
Metodat e vlerësimit:	Provimi mbahet me goje. Studentet njoftohen paraprakisht per orarin e sakte, ditenm dhe oren e paraqitjes ne provim. së vlerësimit,(në colloquium dhe provim final).

Literatura primare:	Gordana Mikulic, *English in Agriculture*
Literatura shtesë:	Artikuj dhe shkrime te ndryshme te nxjerre nga burime qofte primare apo sekondare

Hartimi i planit mësimorë	
Java	**Titulli i ligjëratës**
Java 1:	Agricultural Engineer
Java 2:	Language and grammar activities
Java 3:	Agricultural history
Java 4:	Language exercises and activities
Java 5:	Arable crops
Java 6:	Grammar explanations
Java 7:	Agriculture: toward the next century
Java 7:	Test
Java 9:	Fertilizers
Java 10:	Main verbs in English grammar
Java 11:	Milk as food
Java 12:	Problems in writing

Java 13:	Weeds
Java 14:	Microorganisms
Java 15:	Relationship between demography and ecology

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Studentët janë të obliguar të përcjellin me rregull ligjëratat dhe ushtrimet dhe te marrin librin dhe shtojcat e ushtrimeve. Studenti nuk mund te prezantoje ne ore pa liber dhe liber te ushtrimeve per shkak te natyres se kursit dhe per shkak se mos posedimi i librave pengon mbarëvajtjen e mesimit dhe pamundëson angazhimin e tyre ne lexim, plotesim, parapergatitje,degjim etj. Studentet duhet të vijnë me kohë në mësim, të mbajnë qetësinë dhe të angazhohen aktivisht në dialog në ligjërata. Gjatë kohës së mësimit studentët duhet t'i fikin telefonat celularë. Veshja e tyre duhet t'i pershtatet kodit etik te veshjes ne mesim. Studenti ka te drejte te hyje ne provim 3 here. Pas kesaj, ai/ajo ose duhet ta perserise kursin ose i nenshtrohet provimit me komision. Te gjitha politikat akademike dhe rregullat e miresjelljes jane te pecaktuara me Rregullore te studimeve prane secilit fakultet.

MODULE DESCRIPTION_ALL SUBJECTS

Course title – SUSTAINABLE AGRICULTURE

Basic data of the course	
Academic Unit:	Faculty of Agriculture and Veterinary
Title of course:	Sustainable Agriculture
Level:	Bsc
Curse status:	Elective
Study year:	II-nd | IV-th Semester
Number of hours per week:	2+2
Credits ECTS:	6 ECTS
Time / Location:	Faculty of Agriculture and Veterinary
Teacher:	Prof. ass. Alltane Kryeziu
Contact details:	Faculty of Agriculture and Veterinary Office No.9: alltane.kryeziu@uni-pr.edu

Course description	Sustainable Agriculture focuses on the principles of sustainable agriculture for animals, cereals, vegetables and fruits, importance of plant circulation, animal management and welfare, disease protection and its impact on production, ethics in agriculture, land and the importance of her, etc
Course objective:	Course aims to enable students basic concepts of sustainable agriculture and the role of land in sustainable agricultural production such as animal production, ethical and ethological perspectives of animals with an impact on the environment as well as in the field of plant production.
Learning outcomes:	After completing this course, students will be able to: – Interpret standard of rural development related content. – Describe the structure of farm incomes and diversifications – Describe development activities at the level of an agricultural holding – Describe the role of the state in rural development. – Explain the meaning of sustainable agriculture and its use. – Describe basic knowledge on agricultural ethics in animal production as well as in plant production. – Understand the link between ethology and animal welfare

Student load (it must be correspond with expected results)			
Activity	**Hours**	**Day/Week**	**Total**
Lectures	2	15	30
Theory/Laboratory work/Exercise)	2	15	30

Practical work	2	6	12
Preparation for midterm test	2	1	2
Consultation with teacher	2	7	14
Field work	2	4	8
Test, seminar paper	2	2	4
Homework	2	5	10
Individual learning (in library or at home)	2	15	30
Preparation for final exam	2	1	2
Time spent in assessment (tests, quizzes, final exam)	2	2	4
Project, Presentation, ect.	2	2	4
Total			150

Teaching methods:	Practical work (field work, laboratory work) (30%) Individual work and presentation by students (20%) Other guides (10%) Evaluation (10%)
Evaluation method:	First assessment: 20% Second assessment: 20% Homework or other commitments 10% Regular attendance 10% Final Exam 40% Total 100%

Basic Literature:	1. Materials of lectures and exercises prepared by the subject teacher which will be submitted to the students at the end of each lecture (or these scripts will be placed on the Faculty of Agriculture and Veterinary Faculty in Pristina). 2. Subject-related science articles that can be found on the pages of Internet scientific journals).
Additional literature:	1. E. John Sadler and Neil C. Turner (1994) "Water Relationships in a Sustainable Agriculture System" in J.L. Hatfield and D.L. Karlen ed. Sustainable Agriculture Systems, Lewis Publishers: London, 21-46. 2. Hans Jenny, "The Making and Unmaking of a Fertile Soil", in Meeting the Expectations. 42-55. 3. A Literature Review on Frameworks and Methods for Measuring and Monitoring Sustainable Agriculture. Draft version: 2; 30-11-2016 Editing completed 01.02.2017.

Redaction teaching plan	
Week	**Lectures to be developed**
Week 1:	Revolution and change in agriculture; What is sustainability and agriculture?
Week 2:	The need for sustainable agriculture.
Week 3:	Modern agriculture and the environment;
Week 4:	Ethics in agriculture

MODULE DESCRIPTION_ALL SUBJECTS

Week 5:	Animal Housing: Evolution and Biology.
Week 6:	Livestock production systems;
Week 7:	Plant production systems;
Week 8:	Midterm evaluation
Week 9:	Animal welfare
Week 10:	Energy Use
Week 11:	Carbon Emission
Week 12:	Conservation and management of land and water
Week 13:	Decisions in sustainable agriculture
Week 14:	Management in sustainable agriculture
Week 15:	Second Intermediate Evaluation

Academic policies and politeness' codex:
The students are required to be regular in the lectures and exercises. Contribution and participation of students during conversation will be assessed.