



Basic data of the subject	
University:	University "Ukshin Hoti" Prizren
Academic Unit:	Faculty of Life and Environmental Sciences
Department:	Agribusinesses
Course title:	Plant production
Level:	Bachelor
Course status:	Obligatory (O)
Study year:	I
Number of hours per week:	3+2
Credit value – ECTS:	6
Time / location:	To be announced
Lecturer:	Prof. asoc. dr. Isuf Lushi
Contact details:	Email: Isuf.lushi@uni-prizren.com; +38349547171
Course description	<p>This course covers general knowledge of herba production and other aspects as well Land knowledge including the physical and physical-chemical attributes, chemical and physical-chemical attributes of the land, groundwater, organic attributes of the land, resources, land and elements of the mineral food of the plant etc.</p> <p>The physiological bases of plant production and transformation of energy and nutritional elements, as well as growth and development laws of plants, water in plants, plants growth and development etc.</p> <p>Treatment of the impact of climate factors on plants growth and development.</p> <p>Description of plant cultivation technology. Human intervention and decision-making during the plant cultivation process are explained as an effort to achieve better compliance of plant requirements for different climate-soil factors and climate and soil characteristics in different areas. Land production, Mineral and organic fertilizers. Agricultural circulation, Seed and its concept, Productivity, Classification of the agricultural plants, Planting, fighting against bad drugs, protection against diseases and pests, Plant irrigation, Fertilization, seeds, care, biological warfare, pruning, harvesting, Legislation, intensive agriculture and genetic producer potential etc.</p>
Course objectives:	<p>The main objective of this course is to raise knowledge on plant science and its potential to contribute on practical aspect. Other objectives of the course include: Familiarity with the agricultural plants, especially those plants that are known for human existence. The role and importance of plants to provide knowledge on the functions of plant production, climatic conditions, yields, yield quality and sustainability. Contribute to production alternatives in producers and intermediaries decision-making. Provide the necessary knowledge on market structures, product position and market prices: as well as processors: on firm's market power and establishing trading contracts.</p>
	<p>At the end of this course, students should:</p> <ul style="list-style-type: none"> Recognize the role and importance of the subject, methods, techniques and tools that apply.



Learning outcomes:	<ul style="list-style-type: none"> • To understand the effect of abiotic and biotic factors on plant cultivation. • To recognize the application of agro-technical measures, seed use and certification. • To understand and calculate fertilizer rates • To know how to select seeds for sowing • The student should know the soil characteristics, the morphological and physiological characteristics of the plant and the climatic factors that affect plants growth and development. • To define the meaning of the basic concepts and principles of plant science; • To know the key factors affecting decision-making in plant production and how they affect cultivation. 		
Contribution on student load (must correspond with learning outcomes)			
Activity	Hours	Days/week	Total
Lectures	3	13	39
Exercise theoretical/laboratory	2	13	26
Practice work	1	3	3
Contact with lecturer/consultations	1	15	15
Field exercises	4	1	4
Mid-terms, seminars	8	1	8
Homework	1	15	15
Individual time spent studying (at the library or home)	1	15	15
Final preparation for the exam	1	15	15
Time spent in evaluation (tests, quiz, final exam)	2	2	4
Projects, presentations, etc.	3	2	6
Total			150 (6 ECTS)
Teaching methods:	Lectures, Seminars, Mid-term exam and Final exam.		
Metodat e vlerësimit:	<ul style="list-style-type: none"> • Midterm exam 20% • Seminar project: 10%, • Attendance: 10% • Final exam: 60%, • Total examination result: 100% 		



Basic Literature:	<ul style="list-style-type: none"> • Harizaj, P. (2009) Agronomia e Përgjithshme. Tiranë. • Kristo I. Sallaku. F.(2010). Bazat e Prodhimit Bimor. Tiranë. • CHATTOPADHYAY S B.(2018) Principles and procedures of plant protection 	
Additional Literature:	<ul style="list-style-type: none"> • MAST-DANIDA. Bazat e Prodhimit Bimor (2013) Prishtinë. • Rroço E. Kristo I. (2006). Bazat e Prodhimit Bimor. Tiranë. • Coltivazioni erbacee da pieno campo, Bonciarelli F. 1992 • Bonciarelli F. (1992). Agronomia Generale, Italia. • Arbind K.Rai, Ram Kumar, et al. (2019) Plant Protection : Modern Techniques • Kashta,F. Bardhi,N.&Rroco E.(2010)Bimët e Arave,Tiranë 	
Designed study plan		
Week	Lectures	Exercise
<i>First week:</i>	Plant production - Introduction	Plant production - Introduction
<i>Second week:</i>	Land and pedogenic factors	Land and pedogenic factors
<i>Third week:</i>	Soils, their morphological construction and soils classification.	Exercises and practical demonstration of the second week.
<i>Fourth week:</i>	Soil organic matter, sources of organic matter, water and air in the soil.	Exercises and practical demonstration of the third week.
<i>Fifth week:</i>	Soil and plant mineral nutrition elements.	Exercises and practical demonstration of the fourth week.
<i>Sixth week:</i>	Plant, physiological bases of plant production, factors of plant production.	Exercises and practical demonstration of the fifth week.
<i>Seventh week:</i>	Plant growth and development.	Exercises and practical demonstration of the sixth week.
<i>Eighth week:</i>	Midterm exam	Midterm exam
<i>Ninth week:</i>	Climate, solar radiation, climatic factors of plant growth and production: Temperature, atmosphere, light, humidity. global warming etc.	Announcing the results of the colloquium.
<i>Tenth week:</i>	The technology of cultivation of plants, seedlings. Garbage and Fertilization.	Exercises and practical demonstration of the ninth week.
<i>Eleventh week:</i>	Tillage, seeds, agro - technical measures. Classification of plants in plant production.	Exercises and practical demonstration of the tenth week.
<i>Twelfth week:</i>	Care in plant production, Protection of plants from diseases and pests.	Exercises and practical demonstration of the eleventh week.



<i>Thirteenth week:</i>	Agricultural circulation, harvest of plant products.	Exercises and practical demonstration of the twelfth week.
<i>Fourteenth week:</i>	Study visit to plant production farms	Study visit to plant production farms.
<i>Fifteenth week:</i>	Consultations and exam preparation	Consultations and exam preparation
Academic policies and rules of conduct:		
<ul style="list-style-type: none">▪ Students should be aware of and respect the institution and Code of ethics.▪ Students should respect the schedule of lectures, and exercises and be attentive.▪ It is mandatory to possess and presents a student ID card in the mid-terms and exam,▪ During the compilation of course projects, students must adhere to the instructions given by the professor.▪ During the exam is forbidden the use of mobile phones.		