



Short Program of Course:

Academic Year: 2021 – 2022

Techniques of Plant production

"Bachelor" in "Agribusiness Management"
First Cycle Study Program (180 ECTS)

Type of activity	hours
Lectures:	30
Seminars:	5
Exercises:	11
Laboratory:	14
Fieldwork practice:	
Clinical practice:	
Sportive practice:	

Credits:	5
Discipline:	A

Total workload	5 x 25 = 125
Class workload:	60
Individual workload:	65

Code:	AGB-A-02-A
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Description of Course

1	Introduction to Techniques of Crop Production. Profile opening techniques, morphological description and sampling techniques.
2	Environmental factors of crop production. Soil factor. Chemical diagnostics of soils; preparation of soil samples for analysis.
3	Soil factor. Physical qualities of soils. Practical ways of determining the textural class of the soil (field methods).
4	Soil factor. Chemical qualities of soils. Seminar I (Topics 1-3) and Calculation of CaCO ₃ dose for correcting soil acidity.
5	Soil factor. Water qualities and thermal qualities of soils. Calculation of CaCO ₃ dose for correcting soil acidity. Practical ways of recognizing the physical-water qualities of soils.
6	Environmental factors of crop production. Climate factor. Calculation of the balance of organic matter in the soil.

7	Human impact on crop production through agronomic techniques. Qualitative assessment of soils.
8	Human impact on crop production through agronomic techniques. Seminar II (Topics 4-8); Qualitative assessment of soils.
9	Chemical fertilizers as plant nutrients. Calculation of fertilizer dose based on chemical analysis of soils. Fertilizer recognition techniques.
10	Agronomic techniques. The chemical diagnostic of Soil Calculation of fertilizer dose based on chemical analysis of soils.
11	Fertilizer use system in agriculture. Calculation of fertilizer dose based on chemical analysis of soils; Seminar (topics 8-10)
12	Agronomic techniques. Cultivation of crops. Presentation (know) with the morphological characteristics of crops.
13	Agronomic techniques. Cultivation of corn (maize) etc. Seminar IV (Topics 10-12) Presentation (know) with the morphological characteristics of corn plants, etc.
14	.Agronomic techniques. Cultivation of fruit-root plants. Presentation (know) with the morphological characteristics of fruit- root plants.
15	Agronomic techniques. Cultivation of forage plants. Seminar V (Topics 13-15) Presentation (know) with the morphological characteristics of forage plants.