



Program Description

1. Why a Master in "Agronomy"

To prepare specialists with deep knowledge in Agronomy Horticulture and Plant Protection.

Improve student abilities in understanding plant function in different climatic conditions and biotic and abiotic stress situation

Prepare the students with deeper research competences

2. Competences of the graduates

Be able to apply the modern cultivation technologies in different climatic and soil conditions

Be able to explain plants biochemical and physiological behavior and reaction under normal conditions and stress situations

Evaluate and adapt farming practices to climate change scenarios and local environmental conditions.

Innovate in crop breeding, protection, and post-harvest handling to improve food security.

Conduct independent and collaborative research to address current and emerging challenges in crop production.

3. Potential employer and/or career path

Supportive agricultural activities (ex. input traders)

Agricultural advisory system (also private advisers)

Agricultural institutions under the umbrella of MARD

NGO-s

AUT

4. Alumnus and their experiences

Shkëlqim Karaj – Has followed his studies in Germany where he finished a Dr. Degree in Germany. Actually, Owner and manager of an experimental farm and Input trader.

Griselda Kupe – Specialist at the State Seed Entity

Albert Rabeta – Qwner and manager of a seedling producing farm

Shkëlzen Malliku, - Owner and manager of a vineyard and wine producer

5. The interdisciplinary of the program (this is pretty much the same for each by may vary a little bit)

12 ECTS from other Economic and Social Sciences

18 ECTS from Natural Sciences

During the development of this program, the drafters were guided by the principle of an interdisciplinary approach. This principle aims to integrate analytical methods and tools from different disciplines, producing new knowledge and solutions to complex problems with a real impact on agricultural production, environmental protection and technology transfer, in the conditions of rapid dynamics of the agricultural and rural sector. In accordance with international standards, the program integrates knowledge from the fields of social sciences, natural sciences and technical sciences, providing a comprehensive education that prepares students to face complex challenges in the real labor market.

6. Which Bachelor Program are suggested?

Bachelor in Agriculture and Food Security

With supplementary modules also students from other Bachelor studies within the AUT or also from other Universities