



# **BACHELOR**

## **AGRICULTURAL SCIENCES AND FOOD SAFETY**

**IN COOPERATION WITH BOKU UNIVERSITY**

# Why this study program?

This study programme, developed in cooperation with **BOKU University**, has been designed to address directly to current labour market needs and future perspectives.

It provides students with comprehensive theoretical and practical training in crop and livestock production, sustainable farm management, aquaculture, and the application of modern practices. Students are equipped with innovative technologies and methods aimed at improving productivity.

The programme aims to develop professional and interdisciplinary competencies to address contemporary challenges in agriculture, food safety, and sustainable development. Graduates are equipped to pursue careers in the agri-food sector and public institutions

**Internationally recognized degree.**



## Program Description

The programme offers an interdisciplinary academic education by integrating social, natural, and technical sciences to develop knowledge and innovative solutions in agricultural production, environmental protection, and technology transfer. The allocation of credits ensures a balance between theory and practice, while 12 credits are taught in English, consolidating the academic and professional development of students.



# Graduate Profile / Professional Profile

Graduates of this programme develop into professionals equipped with theoretical, practical, and interdisciplinary skills in agricultural production, sustainable farm management, and food safety. They are qualified to pursue their profession as:

- **Specialists or managers in agricultural**, livestock, and agritourism farms
- **Specialists in agricultural extension agencies** within public or private entities
- **Food safety and environmental specialists** in monitoring institutions, development agencies, and the agri-food sector
- **Agricultural and rural development project experts** in national and international organizations



**Moltine Prebibaj**

UBT Lecturer

"My profile is that of an academic with a solid theoretical and methodological background in agricultural sciences. Upon completing my Master's studies at Istituto Agronomico Mediterraneo di Bari, I engaged in teaching at the AUT, contributing to academic education and the advancement of scientific research."



**Dritan Sadikaj**

Director, Agrimatco Group

"I hold a degree in General Agronomy at AUT and Master's in Plant Protection at Leibniz University Hannover, Germany. Following a 10-year academic career at AUT, I have been serving for roughly 15 years as a manager (Agrimatco Group) with a focus on agricultural inputs and technical assistance to producers."



**Artan Sota**

Director "AgroArfa sh.p.k."

"I am a manager and entrepreneur in the agricultural sector, where I lead AgroArfa Ltd, a company specialized in the development, production, and commercialization of cereal seeds, contributing to the creation and registration of new varieties at both national and international levels."



**Elion Ismailaj**

UBT Lecturer

"I am an academic in Plant Protection, with a focus on phytopathology, teaching, and scientific research in pathogen diagnosis and disease management. My academic journey began at AUT and was further refined through specialisation at Italian universities"

# Key Competencies Acquired

Upon completion of the programme, students acquire competencies in:

- Agricultural sciences and food safety integrating agronomy, horticulture, plant protection, animal science, and aquaculture
- Practical skills in sustainable crop cultivation, animal husbandry and welfare, crop protection from biotic and abiotic factors, as well as the management of fishery and aquaculture systems.
- Analytical, technical, and managerial competencies essential for addressing the challenges of the agri-food sector
- Contribution to sustainable agricultural production and food industry development

## STUDY STRUCTURE

### CORE COURSES

Chemistry for Agricultural Sciences  
Biology for Agricultural Sciences  
Mathematics and Statistics for Agricultural Sciences  
General Botany

### SPECIALIZED COURSES

Soil Science and Geology  
Agricultural Machinery  
Agricultural Engineering  
Plant Production  
Plant Protection  
Pomology  
Quality and Safety of Agricultural, Livestock and Fishery Products

### ADDITIONAL COURSES

Agricultural Economics and Policy & Agrarian Legislation  
Agroecology  
Meteorology and Climatology  
Agricultural Business  
Administration and Marketing

Teaching is delivered through interactive lectures, seminars, practical exercises, and laboratory work. The program includes structured lab work, study projects, and mandatory professional internships.

## Employment Opportunities:

Graduates may work in:

- Small, medium, and large farms with crop and livestock production, applying sustainable production practices
- Positions in the trade and distribution of agricultural inputs, such as seeds, fertilizers, and plant protection products.
- Public and private agricultural extension systems, as well as responsible central, regional, or even municipal public agencies/institutions.
- NGOs operating in rural development, the environment and food safety.

# Program Information

## **Study Level**

First Cycle – Bachelor

## **Academic Degree**

Bachelor in Agricultural Sciences and Food Safety

## **Duration**

3 academic years / 6 semesters

## **Credits**

180 ECTS

## **Study Mode**

Full-time

## **Language of Instruction**

Albanian / English

## **Enrollment Quota**

100 students

## **Completion of Studies**

Final comprehensive exam / Bachelor's thesis



# About AUT

The Agricultural University of Tirana was founded on November 1, 1951, and has been located in Kodër Kamëz since 1956. Since its establishment, it has been a pillar of agricultural education and research in Albania.

Today, AUT plays a key role in sustainable agriculture, food safety, and rural development, strengthening international cooperation through strategic partnerships, including with BOKU University in Vienna.



## For more information visit:

[www.ubt.edu.al](http://www.ubt.edu.al)

[info@ubt.edu.al](mailto:info@ubt.edu.al)

Street "Pajsi Vodica" Tiranë

## FURTHER STUDY OPPORTUNITIES (MASTER'S DEGREE)

After completing their Bachelor's studies, graduates can pursue Master's studies in fields such as Agronomic Sciences, Horticulture, Plant Medicine, Animal Sciences, Aquaculture, and Fisheries, preparing themselves for research, managerial, and technical roles in the agricultural and food sectors.

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