

**MASTER OF SCIENCE
INTEGRATED STUDY PROGRAM
VETERINARY MEDICINE**

IN COOPERATION WITH BOKU & VETMEDUNI VIENNA

Why this study program?

Are you interested in animal health and welfare, and in the diagnosis, treatment, and prevention of diseases?

The integrated “Veterinary Medicine” program, developed in partnership with **BOKU Vienna** and the **University of Veterinary Medicine Vienna**, offers a 5.5-year education in accordance with European standards.

The studies prepare veterinarians capable of practicing the profession independently, ensuring public health, animal welfare, and food safety.

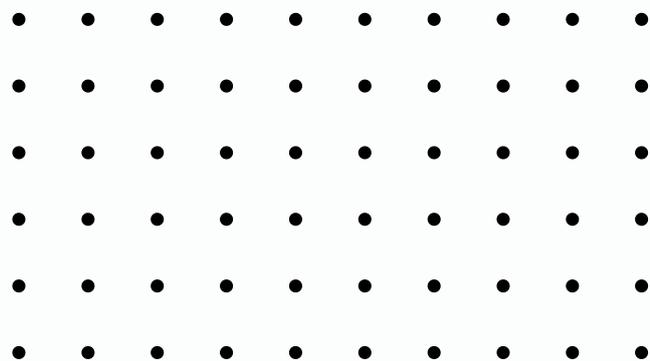
The program combines theory with practice and prepares professionals capable of safeguarding animal health, food safety, and public health.



Program Description

The 5.5-year integrated program (330 ECTS) is harmonized with EU directives and international veterinary standards, combining theoretical education with intensive practical training in university clinics, farms, laboratories, and service facilities. Through the Clinical Skills Laboratory and modern assessment methods, students acquire “Day-One” competencies and graduate with the title Master of Science in Veterinary Medicine, prepared for immediate professional practice and international accreditation.

**Internationally
recognized degree.**



Graduate Profile / Professional Profile

Graduates are prepared to work as:

- Veterinarians in companion animal clinics and farms
- Herd health and reproductive management specialists
- Veterinarians in state services and veterinary control
- Specialists in Veterinary Public Health and Food Safety
- Veterinary inspectors in slaughterhouses and the food industry
- Biosecurity and animal welfare consultants
- Candidates for further studies in higher cycles, including PhDs and long-term specializations
- Veterinary pharmacists and professionals in regulatory drug control authorities

Small Animal Clinic



The clinic is a teaching-clinical structure dedicated to the diagnosis and treatment of companion animals, mainly dogs, cats, and exotic animals. It provides hospital services patterned upon EU standards. It combines veterinary service with students' practical training, ensuring ethical standards and animal welfare.

- ✓ Clinical visits and general consultations
- ✓ Hematological, biochemical, hormonal analyses, etc.
- ✓ Clinical visits and general consultations
- ✓ Vaccinations and antiparasitic treatment
- ✓ Surgical services
- ✓ Diagnostic imaging services such as ultrasound and radiography
- ✓ Specialized cardiovascular examinations
- ✓ Diagnostic and therapeutic ophthalmology services

Key Competencies Acquired

Upon completion of the programme, students gain the ability to:

- Scientific and legal veterinary knowledge, as well as understanding of the structure and physiological needs of animals.
- Skills in management, nutrition, welfare, reproduction, and hygiene.
- Clinical and epidemiological competencies for diagnosing, treating, and preventing diseases.
- Implementation of preventive programs, inspections, and knowledge of hygiene of products of animal origin.
- Safe use of veterinary medicines for animal health, food safety, and environmental protection.

STUDY STRUCTURE

CORE COURSES

Anatomy and Histology, Veterinary Physiology and Biochemistry, Biology and Biophysics, Inorganic and Organic Chemistry, Veterinary Zoology and Botany

SPECIALIZED COURSES

Pathology, Virology and Bacteriology, Equine Medicine, Small Animal and Farm Animal Medicine, Veterinary Reproduction and Biotechnology, Pathophysiology, Immunology, Toxicology and Epidemiology, Pharmacology, Pharmacovigilance

ADDITIONAL COURSES

Clinical Skills Laboratories (Skills Lab) with models and simulation, Surgical practice, Clinical rotations in small groups, Practice in dairy and livestock farms, Meat inspection practice, Ophthalmology

Teaching is carried out through lectures, seminars, laboratory and clinical exercises, activities in the university clinic and partner farms, and structured clinical rotations to develop students' theoretical, practical, and professional competencies.

Employment Opportunities:

- Employment in private veterinary clinics, modern livestock farms, and agro-food industries
- Positions as herd health, reproductive management, and veterinary public health specialists
- Positions in diagnostic laboratories, research and development programs, public institutions, and inspection agencies
- Veterinary pharmacies and pharmaceutical companies
- Employment in international animal health and welfare organizations, contributing to global policies and standards

Program Information

Study Level

Second Cycle – Master of Science (integrated program)

Academic Degree

Master of Science in Veterinary Medicine

Duration

5.5 academic years / 11 semesters

Credits

330 ECTS

Study Mode

Full-time

Language of Instruction

Albanian / English

Enrollment Quota

60 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:

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FURTHER STUDY OPPORTUNITIES

The program provides the foundation for advanced studies in the veterinary field, supporting academic progression into PhDs in veterinary sciences and long-term specializations in Veterinary Public Health and Food Safety, preparing graduates for specialized roles in industry, public institutions, and academia.

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