

INSTITUTE OF VETERINARY SCIENCES UNIVERSITY BLIDA 1

<https://en.univ-blida.dz/institut-des-sciences-veterinaires/programme-de-formation-des-sciences-veterinaires/>

Train veterinarians capable of responding and adapting:

- To the specific and varied needs of the veterinary profession (private and public).
- Requirements in terms of veterinary services and public health in the context of
- Globalization and the development of trade (animals and their products).

A- Graduation: Training in veterinary science lasts six years and is organized into three departments:

- 1- **Preclinique department:** Over a period of three years, students will study the fundamental sciences.

First year:

- Anatomy
- Chemistry
- Ethnology,
- Biochemistry.
- Molecular biology,
- Embryology histology
- Histology
- Zoology
- English language.
- Ethology.
- Physiology1
- Genetic
- Cytophysiology

2nd year:

General Bacteriology

General virology

Immune-vaccinology

Histology special

Anatomy 2

Physiology 2

Physiology of reproduction

Ethnology special

Nutrition

Livestock and animal production

Genetic Improvement and Biotechnology

Biostatistics

Scientific English

Bioinformatics

Stage (20h)

3rd year

Physio-pathology

Aviculture

General parasitology

Pharmacology

Semiology

Wild animals and NACs

Small livestock farms

Pathological anatomy 1

Virology Special

Immuno-pathology

2-Clinical department:

lasting two years, it covers the main aspects of the pathology of livestock (cattle, sheep, goats, poultry) and other animals (dogs, cats, horses), such as parasitic and infectious diseases, toxicology, surgery, hygiene and inspections of foods of animal origin.

2- Department of medicine, surgery and reproduction of livestock and companion animals.

This department is involved in the teaching of practical work and the management of clinics, as well as the organization of training courses.

At the end of the course, a PFE (end-of-studies project) completes the training. This is a theoretical (bibliography) and practical (field survey, laboratory examination....) dissertation, defended publicly before a jury.

B- Post-graduation:

The institute of veterinary sciences offers students with a veterinary doctor's degree the opportunity to take part in the doctoral competition in different specialties'.

Admission Information*

Admission to the Blida Institute of Veterinary Sciences¹ is open to students holding of the Bacalaureat in the following subjects: natural and life sciences, exact sciences, mathematics and experimental sciences.

Core Courses*

fundamental sciences (anatomy, chemistry, physics, biostat, ethology, biochemistry, physiology, zoology, molecular biology, embryology, histology, English language, ethnology, pharmacology, microbiology, parasitology, general anatomy-pathology, semiology, wildlife, epidemiology, breeding systems, nutrition, etc.)

Advanced Topics*

Research projects in the following areas

Animal reproduction and biotechnology (embryo transfer, animal semen quality control, reproduction assessment, mammary health, study of infertility in animals).

parasitology and parasitic diseases

Avian pathologies

Microbiology and infectious diseases

HCCP

Teaching Language

Anglais