

**Master Degree in Precision Livestock Farming (PLF)
Class LM-86
Coordinator: Prof Gianluca Neglia
(gianluca.neglia@unina.it)**

The admission to the Master Degree Course in PLF requires a Bachelor Degree in Animal Science and Technology (L38 Ministerial Decree 270/04 and class 40 of Ministerial Decree 09/99). Access to the Course: programmed number: 25 students (20 Italians and 5 Foreigners).

Curriculum

The course has a total duration of 2 years and requires the acquisition of 120 university educational credits. (CFU). The study path is divided into 11 exams for a total of 120 CFU, a 3 CFU internship, a 9 CFU internship and a final exam for the 8 CFU Degree exam. It will be held in English and in a residential form, at the **Regional experimental agricultural farm "Improsta"**.

Director

Prof. Gaetano Oliva
Phone +39 081 2536012 gaetano.oliva@unina.it

Education office

Responsible: Dr. Luisa Triunfo
Phone +39 081 2535361 luisa.triunfo@unina.it

Student Orientation

Responsible: Prof. Manuela Martano
Phone +39 081 2536355 manuela.martano@unina.it

Central library

Director: Dr. Vincenzo Freda
Phone +39 081 2535851 vincenzo.freda@unina.it

Computer room

Responsible: Dr. Giuseppe Marzatico
Phone +39 081 2536022 giuseppe.marzatico@unina.it



Dipartimento
Medicina Veterinaria
Produzioni Animali



UNIVERSITÀ
DEGLI STUDI DI NAPOLI
FEDERICO II

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Educational objectives and career opportunities

The educational objectives of PLF are to obtain professional figures engaged in the field of livestock production systems with engineering knowledge and skills. The student will acquire skills in: Innovative technologies for precision agriculture and precision livestock throughout the production process; Innovative technologies of transformation and final information of animal productions through the use of computerized platforms; Emerging technologies in engineering applied to animal science; Chemical systems and theory of development of chemical processes useful to supply the guidelines for the management and disposal of livestock waste; Planning, management and control of the automated farm, through the application of robotics and sensor technology applied to animal management.

Educational University Veterinarian Hospital (OVUD)

Responsible: Prof. Gerardo Fatone
Phone +39 081 2536041 gerardo.fatone@unina.it

Anatomical Museum

Director: Prof. Paolo De Girolamo
Phone +39 081 2536099 paolo.degirolamo@unina.it

Main Venue

Via Federico Delpino 1, 80137 Napoli.

Separate Venues

Via Mezzocannone 8, 80138 Napoli.
CESTEV : Via T. De Amicis n. 95, 80145 Napoli.

Five-year Magistrale Degree in Veterinary Medicine (class LM-42)

Coordinator: Prof Paolo Ciaramella
(paociara@unina.it)

The admission to the course requires a nationally planned entrance examination programmed by MIUR.

Curriculum

The Degree in Veterinary Medicine is a five-year program and provides the acquisition of 300 university educational credits (CFU) (structured in 29 exams) comprising educational activities, laboratory/clinic practice and individual study. The educational path is completed by practical training (30 CFU), carried out in the laboratories and the clinics of the Department, or in affiliated companies and clinics, as well as by the discussion of a final exam (10 CFU).



Bachelor 3-Year Degree Course in Animal Production (TPA) (Class L-38)

Coordinator: Prof. Serena Calabrò
(serena.calabro@unina.it)

The admission to the course does not require an entrance examination.

Curriculum

The course provides the acquisition of 180 university educational credits (CFU) structured in 20 exams, comprising educational activities, laboratory practice and individual study. The educational path is completed by a practical internship (6 CFU), carried out in the laboratories of the Department or in affiliated companies, as well as by the discussion of a final exam (4 CFU).



Master degree in Science and Technologies of Animal Production (STAP) (Class LM-86)

Coordinator: Prof. Vincenzo Peretti
(vincenzo.peretti@unina.it)

The admission to the STAP Degree Course requires a bachelor degree in animal Production Technologies (class L-38) or in the ex M.D. 509/99 class pursuant to M.D. 386/07. The admission to the course does not require an entrance exam.

Curriculum

The course requires the acquisition of 120 university educational credits (CFU) (structured in 12 exams) including educational activities, laboratory practice, and individual study. The training course is completed by a 12 CFU stage, carried-out in public and private organizations (eg animal husbandry companies, feeders, industry associations, research organizations), as well as by the discussion of a final exam.



Educational objectives and career opportunities

Theoretical knowledge course, practical activities, and internship are carried out following the conditions certified by the European Association of Establishments for Veterinary Education (EAEVE).

This educational approach ensures student the acquisition of essential knowledge to practice as a doctor in Veterinary Medicine in its various forms, such as: domestic and wild animal clinics, epidemiological monitoring of the territory, monitoring of foodstuffs of animal origin, productive and reproductive management of the reared species, animal nutrition aimed at the production of high-quality food. Then, Doctor in Veterinary Medicine will have specific skills aimed at safeguarding of endangered species and those which serve as environmental sentinels.

Educational objectives and career opportunities

This degree course allows to acquire skills to practice as agronomist or zootechnical technician (ISTAT Code 3.2.2.2.0). In particular, they have specific competences in the qualitative and quantitative improvement of primary productions; in the feed industry for the formulation of diets and livestock feed rations; in cooperating to business management; in planning hygiene control and animal production healthcare; in H.A.C.C.P. paths of primary and secondary productions; in supervisory activities, support and control of transformation processes related to food of animal origin.

Educational objectives and career opportunities

The Degree Course provides essential skills to design, even in economic terms, the organization and management of breeding systems for the main species, with particular regard to the environmental impact and animal health and specifically oriented to the chain organization. Graduates will be able to work as a managerial professional in animal husbandry companies, feed industries, breeders' associations, animal husbandry cooperatives as well as the industries transforming food of animal origin. They can also practice as manager in the public administrations operating in the agro-zootechnical and forestry sectors such as national and regional services for the safeguard of environment and territory.

