



**EDUCATIONAL OFFER
OF THE DEPARTMENT OF
VETERINARY SCIENCES**

ACADEMIC YEAR 2021/2022

**DVM curriculum
Full offer in Italian Language**

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The **COURSE SYLLABI** can be downloaded at
https://esami.unipi.it/esami2/programmi_ricerca.php

INFORMATION

The Department of Veterinary Sciences is located on Viale delle Piagge, and in San Piero a Grado where, in the near future, the entire Department will be located.

The teaching of the fourth and fifth year of the Master's Degree Course in Veterinary Medicine takes place in San Piero a Grado where, thanks to the Teaching Hospital, students can be involved in the management of clinical cases, hospitalized animals and nocturnal emergencies. The new hospital complex is located in the open countryside, a few kilometers from the city, and consists of a long central block and an area used for sheltering animals. In the central block there are outpatient clinics, the sectors of Surgery, Diagnostic Imaging, Medicine and Intensive Care, Obstetrics and Gynecology and the laboratories of Hematology and Clinical Biochemistry, Pharmacology and Toxicology and Assisted Reproduction.

Near this site there is also the Interdepartmental Center for Agri-environmental Research "Enrico Avanzi" with a wide availability of animals of zootechnical interest. Here students can carry out practical activities relating to animal breeding and feeding techniques and to medical examinations, diagnoses and any therapeutic operations.

BACKGROUND

In 1818 Vincenzo Mazza, a veterinarian in Napoleon's *Grande Armée*, set up a small Veterinary School in Pisa, in Via San Martino, under the protection of the Prince of Canosa, who passed horses on to him for study and anatomical exercises.

In 1839 a Chair was established at the Faculty of Medicine of Pisa, entrusted to Prof. Melchiorre Tonelli, and in 1859 the Veterinary Chair was detached from the Medical Faculty and formed part of the Agronomic-Veterinary section of the Faculty of Natural Sciences of the University of Pisa.

The establishment of a stable Veterinary Clinic is due to Prof. Pietro Oreste who, in 1871, promoted a protest after which the School of Pisa was elevated to the rank of major schools in Italy. The number of students constantly increased and in 1923 the Higher School of Veterinary Medicine was transformed into the Royal Higher Institute of Veterinary Medicine, with an autonomous and independent organization from the University. In 1934 the Institute became the Faculty of Veterinary Medicine and definitively returned to be part of the University of Pisa.

The Faculty has had prestigious professors such as Luigi Bombardini, Sebastiano Rivolta, Andrea Vacchetta, Giacinto Fogliata, and Virginio Bossi.

Starting from September 19, 2012, with Rector's Decree n. I/1/9012 of July 3, 2012, according to Law 240/2010, the activation of the Department of Veterinary Sciences was ordered with simultaneous deactivation of the Faculty of Veterinary Medicine, the Department of Veterinary Clinic, the Department of Animal Pathology, Prophylaxis and Food Hygiene and the Department of Physiological Sciences.

EAEVE CERTIFICATION

EAEVE (European Association of Establishments of Veterinary Education) is the institution appointed by the European Commission for quality control of veterinary training at the EU level.

The Master's Degree Course in Veterinary Medicine is recognized as compliant with the standards established by EAEVE, with official notification issued on June 6, 2012 by Prof. Dr. Gert Niebauer, (EAEVE Executive Director, Evaluation/Accreditation Programme).

DEPARTMENT OF VETERINARY SCIENCES

Viale delle Piagge, 2 – 56124 Pisa

Fax. 0502210654

Head

Prof. Francesco Paolo Di Iacovo (0502216704 – 0502210136; direttore@vet.unipi.it)

Deputy Director

Prof. Carlo Cantile (0502216984; vicedirettore@vet.unipi.it)

USEFUL NUMBERS FOR STUDENTS

President of the Degree Course in Veterinary Medicine

Prof. Alessandra Rota (0502216720 – 0502210163); presidenzamv@vet.unipi.it)

President of the Degree Course in Sciences and Technologies of Animal Productions (Three-year and Master's Degree)

Prof. Marco Mariotti (0502216792; presidenzastpa@vet.unipi.it)

President of the degree Course in Animal Breeding and Dog Education Techniques

Prof. Angelo Gazzano (0502216843; presidenzataaec@vet.unipi.it)

Head of the Teaching Unit

Dr. Stefano Degl'Innocenti Detto Lucchesi (0502216708; stefano.deglinnocenti@unipi.it)

Teaching Unit - Student Service

Calafiore Sergio (0502216732) – Chicca Antonella (0502216836) – Santoponte Letizia (0502216712)

didattica@vet.unipi.it

Administrative Manager

Dr. Leda Fenili (0502210157 0502216724; leda.fenili@unipi.it)

Student representatives in the Department Council

GACI SCALETTI Leonardo	l.gaciscaletti@studenti.unipi.it
MORELLI Silvia	s.morelli18@studenti.unipi.it
MORTELLARO Claudia	c.mortellaro@studenti.unipi.it
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SPATOLA Gabriele	g.spatola2@studenti.unipi.it
VARINELLI Elena	e.varinelli@studenti.unipi.it

Reception/General services

Bendon Marco

tel. 0502216725

Lotti Gabriella

tel. 0502216725

tel. 0502216725

The *e-mail addresses* and *telephone numbers* of all staff (teaching and technical-administrative) are available online at: <http://unimap.unipi.it/cercapersone/cercapersone.php>.

The staff (teaching and technical-administrative) of the Department of Veterinary Sciences, and others working in the Department (PhD students, postgraduates, collaborators, etc.) can be contacted by email at the addresses with the format: firstname.surname@unipi.it.

ACADEMIC STAFF OF THE DEPARTMENT

Full Professors	Assistant professors
Camillo Francesco	Baragli Paolo
Di Iacovo Francesco Paolo	Bertelloni Fabrizio
Guidi Alessandra	Bonelli Francesca
Intorre Luigi	Casini Lucia
Mancianti Francesca	Coli Alessandra
Mariotti Marco	Curadi Maria Claudia
Poli Alessandro	Felicioli Antonio
	Fronte Baldassare
Associate Professors	Giuliotti Lorella
Abramo Francesca	Lippi Ilaria
Armani Andrea	Macchioni Fabio
Barsotti Giovanni	Mancini Simone
Bibbiani Carlo	Mariti Chiara
Briganti Angela	Marzoni Fecia Di Cossato Margherita
Cantile Carlo	Melanie Pierre
Cecchi Francesca	Minieri Sara
Ciampolini Roberta	Pedonese Francesca
Citi Simonetta	Riccioli Francesco
D'Ascenzi Carlo	Russo Claudia
Ebani Valentina Virginia	Tinacci Lara
Forzan Mario	Tognetti Rosalba
Fratini Filippo	Turchi Barbara
Gazzano Angelo	
Giannessi Elisabetta	
Giorgi Mario	
Marchetti Veronica	
Martini Mina	
Mazzei Maurizio	
Meucci Valentina	
Millanta Francesca	
Miragliotta Vincenzo	
Moruzzo Roberta	
Nuvoloni Roberta	
Paci Gisella	
Panzani Duccio	
Papini Roberto Amerigo	
Perrucci Stefania	
Podestà Adriano	
Pretti Carlo	
Preziuso Giovanna	
Rota Alessandra	
Saia Sergio	
Salari Federica	
Sgorbini Micaela	
Vannozzi Iacopo	

The fax number for all teachers and technicians is: 0502210655

STRUCTURES OF EDUCATIONAL INTEREST

VETERINARY TEACHING HOSPITAL

Via Livornese snc-56122 San Piero a Grado-Pisa

Health Director: Prof. Micaela Sgorbini

For information: <http://ospedale.vet.unipi.it>

CERTIFIED RESEARCH LABORATORIES

<http://www.vet.unipi.it/certificazione-uni-en-iso-90012015/>

UNIVERSITY LIBRARY SYSTEM – Polo 1 – Veterinary Medicine Library

Viale delle Piagge, 2 - 56124 Pisa e-mail: info.vet@sba.unipi.it

Tel. 0502216770 - Fax 0502216777 web: <http://www.sba.unipi.it/vet>

The Library is open from Monday to Friday from 8.30 am to 8.00 pm

TEST CENTER COMPUTER SKILLS - VETERINARY MEDICINE

Viale delle Piagge, 2 - 56124 Pisa e-mail: ecd1@vet.unipi.it

Manager: Maurizio Corucci

Examiners: Maurizio Corucci, Novella Benvenuti

For information: <http://www.vet.unipi.it/test-center-ecd1-sai-3/>

EDUCATIONAL OFFER A.Y. 2021/2022

The Department of Veterinary Sciences activates the following Degree Courses for the academic year 2021/2022:

NAME	CLASS	TYPE	CODE	ACTIVATED YEARS
Veterinary Medicine (VM)	LM-42	Laurea Magistrale a ciclo unico	D.M.270/04	I-II-III-IV-V
Sciences and Technologies of Animal Productions (Three-years' STPA)	L-38	Laurea Triennale	D.M.270/04	I-II-III
Sciences and Technologies of Animal Productions (Master's STPA)	LM-86	Laurea Magistrale	D.M.270/04	I-II
Animal Breeding and Dog Education Techniques (TAAEC)	L-38	Laurea Triennale	D.M.270/04	I-II-III

POSTGRADUATE EDUCATIONAL OFFER A.Y. 2021/2022

PHD COURSE IN VETERINARY SCIENCES

Coordinator: Prof. Alessandro Poli (alessandro.poli@unipi.it)

For further information:

<http://www.vet.unipi.it/didattica/dottorato-di-ricerca-in-scienze-veterinarie/>

SPECIALIZATION SCHOOLS

- Inspection of Food of Animal Origin – *Head: Prof. Alessandra Guidi*
- Horse Medicine and Surgery – *Head: Prof. Micaela Sgorbini*
- Pathology and Clinic of Pet Animals – *Head: Prof. Veronica Marchetti*
- Animal Health, Breeding and Zootechnical Production – *Head: Prof. Maurizio Mazzei*

For further information:

<https://www.unipi.it/index.php/scuole-specializzazione/itemlist/category/275-area-veterinaria>

At the time of the teaching planning, the Council of the Department of Veterinary Sciences decides which years of the course to activate.

MASTER

The Master's offer is available online at: <http://www.vet.unipi.it/didattica/master/>

SINGLE-CYCLE DEGREE COURSE IN VETERINARY MEDICINE (Class LM-42 ex DM 270/2004)

CHARACTERISTICS OF THE COURSE

The Master's Degree Course in Veterinary Medicine has a single cycle and scheduled access with compulsory attendance. To access the degree course, students must take an admission test. More information is available at the following address:

<https://matricolandi.unipi.it/immatricolazioni/medicina-veterinaria/>

The training activities and the related training objectives, the employment prospects graduates and admission requirements are specified in the Teaching Regulations of the degree course available at the following addresses:

<https://www.unipi.it/index.php/lauree/corso/10432>

<http://www.vet.unipi.it/storico-dei-regolamenti-didattici-per-le-coorti-di-immatricolati/>

THE PROGRAMS OF EACH COURSE AND THE NAMES OF THE TEACHERS ARE AVAILABLE ONLINE AT THE ADDRESS:

https://esami.unipi.it/esami2/programmi_insegnamenti.php?did=6&cid=88&aa=2021

ATTENDANCE

The Degree Course in Veterinary Medicine requires attendance for all types of activities (theoretical and practical) for the entire duration of the course. Participation in at least 70% of these activities is strictly necessary. Attestation of attendance is the task and prerogative of the teacher of each teaching module and determines the forms of assessment; the student is admitted to take the exam of the integrated course with the granting of certificates of attendance for each individual module.

ADDITIONAL EDUCATIONAL OBLIGATIONS

Each academic year, a check is made on the knowledge required for admission and the methods regarding additional educational obligations are defined (<https://www.vet.unipi.it/ofa-mv/>).

TEACHING CALENDAR

The teaching calendar is available on the website:

<http://www.vet.unipi.it/calendario-didattico-del-dipartimento-di-scienze-veterinarie/>

CLASS SCHEDULE

Class schedules are available on the website:

<http://www.vet.unipi.it/orari-delle-lezioni-di-medicina-veterinaria/>

ACHIEVEMENT OF THE QUALIFICATION

To obtain the academic qualification, the student must achieve a total of 300 CFUs (ECTS) as required by the educational system, distributed as follows:

- 238 CFUs for compulsory courses (basic, characterizing and related activities)
- 5 CFUs for computer knowledges
- 3 CFUs for the knowledge of a foreign language of the European Community (level B1)
- 9 CFUs for activities chosen by the student
- 15 CFUs for the thesis
- 30 CFUs for the pre-professional practical training

LANGUAGE SKILLS

Knowledge of the foreign language (English or another language of EU Level B1) is awarded a total of 3 CFUs. Specifications are available on the following address:

<https://www.vet.unipi.it/conoscenze-linguistiche/>

COMPUTER KNOWLEDGE

The student must acquire basic elements of computer science that allow them to face the study and various activities within the modern conception of the activity of veterinarian and must be able to move independently in the various application phases of the individual computer programs. The skills acquired are aimed specifically at the Veterinary Medical field and the relative applications in this field. Specifications are available at the following address:

<https://www.vet.unipi.it/test-center-ecdl-sai-3/>

FREE COURSES

Students enrolled in other degree courses are **NOT** be able to follow free courses of the single-cycle Master's Degree Course in Veterinary Medicine with reference to the limited number disciplines.

Students enrolled in the Degree Course in Veterinary Medicine are able to sit exams of other degree courses, according to the individual regulations, acquiring the relative CFUs under the heading "CFUs chosen by the student", subject to approval by the Degree Course Council in Veterinary Medicine.

ACTIVITIES OF THE STUDENT'S CHOICE

The student must acquire 9 CFUs in activities chosen independently by the student. All the chosen activities require a final evaluation. The degree course annually presents a specific training offer, activating teaching courses that students can choose from. Specifications are available at the following address:

<http://www.vet.unipi.it/attivita-formativa-a-scelta/>

PROFESSIONAL PRACTICAL TRAINING

The carrying out of pre-professional training (30 CFUs) is mandatory and aimed at acquiring appropriate practical preparation in professional subjects under supervision, which concerns clinical, surgical, zootechnical and inspection subjects. It is also a fundamental and indispensable requirement to face the postgraduate examination to qualify for the profession of Veterinarian.

The specifications are available in the Teaching Regulations of the degree course on the page:

<https://www.unipi.it/index.php/lauree/regolamento/10432>

FINAL EXAM

The final exam is accessed after having acquired the CFUs relating to all the training activities provided for in the Study Plan. The final exam for the attainment of the degree consists of a dissertation on a thesis, compiled or experimental, developed in an original way by the student. It is under the guidance of a supervisor, possibly assisted by a co-supervisor. The topics of the degree thesis can be interdisciplinary. The activities related to the preparation of the final exam must involve the discussion of a thesis aimed at demonstrating the possession of professional skills. The thesis must be submitted exclusively in electronic form, according to the procedures established by the relevant University Regulations, and published on the website: <http://etd.adm.unipi.it/>.

For more information, please refer to the "Degree thesis regulations" available online at:

<http://www.vet.unipi.it/regolamento-per-le-tesi-di-laurea/>

STATE EXAMINATION TO QUALIFY FOR THE PROFESSION OF VETERINARY DOCTOR

Graduates in Veterinary Medicine are admitted to the State Exam to qualify for the profession of Veterinary Medicine. The two exam sessions, spring and autumn, are announced annually by Ministerial order, which regulates participation and organisation. For more information:

<http://www.unipi.it/index.php/iscrizioni-e-segreterie/itemlist/category/61-esame-di-stato>

YEAR COORDINATORS AND STUDENT TUTORS

As part of each year of the course, a teacher is designated with the function of Coordinator, who chairs the respective Councils for the year of the course. Taken together, they constitute an advisory body for the President of the Degree Course. The designated Coordinators are:

YEAR OF THE COURSE	TUTOR TEACHER	E-MAIL ADDRESS
1st YEAR	PROF. GIANNESI ELISABETTA	elisabetta.giannessi@unipi.it
2nd YEAR	PROF. MANCIANTI FRANCESCA	francesca.mancianti@unipi.it
3rd YEAR	PROF. CANTILE CARLO	carlo.cantile@unipi.it
4th YEAR	PROF. ROTA ALESSANDRA	alessandra.rota@unipi.it
5th YEAR	PROF. TOGNETTI ROSALBA	rosalba.tognetti@unipi.it

Furthermore, in compliance with the University Regulations, students are assigned “Tutor Teachers” chosen from among the Professors of the Degree Course. The specifications on teachers’ tutoring and other tutoring activities can be found at the following link:

<http://www.vet.unipi.it/servizio-tutorato-mv/>

PROFESSIONAL CAREER OPPORTUNITIES

The Single-cycle Master's Degree Course in Veterinary Medicine offers the following professional opportunities: <https://www.unipi.it/index.php/lauree/sbocchi/10432>

GLOSSARY

Academic Year (A.Y.)

The academic year traditionally begins on November 1st, continuing until October 31st of the following year. However, the lessons usually start earlier in September or October, ending at the end of May, or with an extension in June.

Exam session

Day on which a particular exam begins. The discipline is regulated by the University Teaching Regulations.

Training activities

Any activity organized to ensure the student appropriate cultural and professional training. This includes teaching courses, seminars, exercises, workshops, pre-professional training and internships, projects, theses, individual study, etc. Carrying out a training activity and passing the related verification exam gives the student the opportunity to acquire university credits (CFUs).

Graduation classes

Degree courses of the same level can be grouped. Regardless of their different titles, they have the same qualifying training objectives and the same indispensable training activities. There are graduation classes (three-year) and master's degree classes (master's and single-cycle master's). For more details:

http://www.miur.it/0006Menu_C/0012Docume/0098Normat/4640Modifi_cf2.htm

Graduation Commission

The commission of teachers in front of whom the discussion of the degree thesis and/or the final examination project presentation takes place and which evaluates the student's work. The Degree Commissions, appointed by the Head of the Department of Veterinary Sciences on the proposal of the President of the Degree Course, are usually chaired by the President of the Degree Course (*article 25 paragraph 2 of the University Didactic Regulations*).

Integrated course

A course that includes several modules of related subjects and that involves passing an exam consisting of the programs of all the modules that compose it. The whole of the integrated course constitutes the training activity.

University credits (CFU)

Unit of measurement adopted to calculate the volume of learning work required of a full-time student with adequate initial preparation. 1 CFU corresponds to 25 hours of total work: this work includes both classroom teaching activities such as lectures, exercises and seminars, and individual study, as well as other training activities (e.g. pre-professional training). The average amount of work done by a student in a year is conventionally set at 60 credits (1500 hours). The student therefore has to reach 180 credits to obtain the three-year Degree and a further 120 credits for the Master's Degree (for a total of 300 credits). Credits are acquired by passing exams or other forms of verification of study.

Important: the credits should **not** be confused with either the exam mark (rated out of thirty) or with the final exam (out of one hundred and ten).

Curriculum

Set of training activities that characterize the single degree course. Each course can be structured on a common basis and in different "curricula", or in different addresses from which the student can choose.

Specialization diploma

This provides the student with the knowledge and skills necessary for the exercise of particular professional activities. It can only be established in application of specific laws or directives of the European Union.

PhD

The PhD courses and the achievement of the relative qualification are governed by art. 4 of Law 210/98. To be admitted to a PhD course it is necessary to have a Master's Degree or other qualification obtained abroad and recognized as suitable. It is a path recommended for those who intend to pursue an academic career or do high-level research in a company and has a duration of no less than three years.

Graduation exam

At the end of the Degree Course the student takes a final exam. The methods and contents of the exam (which may be an examination paper or a written report, an oral or practical test) are established by the Teaching Regulations relating to the degree courses. The final mark of the test is out of one hundred and ten.

Exam period

This consists in ascertaining the student's preparation in relation to what is the subject of examination. The student acquires the CFUs attributed to the subject by passing the exam (written, oral or another form of verification established by the Degree Course Council). The mark of the exam is out of thirty.

Attendance of courses

This obligation is only provided for the Master's Degree Course in Veterinary Medicine, with a minimum attendance of 70% of the hours of lessons/practical activities.

Off-course student

A student who has not yet passed all the exams and the final exam at the end of the legal duration of the degree course.

Matriculation

Enrollment in the first year of a Degree Course.

Single cycle Master's Degree

Master's Degree that develops in a single five-year cycle. This is for Veterinary Medicine and other degrees in the health field (for example, Medicine and Surgery).

University booklet

Document in which the data and the student's university career are recorded.

Logbook

Document for Veterinary Medicine students in which the practical skills acquired during the academic career are recorded.

Master

University Masters are post-graduate study courses with a professionalizing value that offer the opportunity to enrich the course of study with further theoretical and practical training experience. First level Masters can be accessed with a three-year degree and second level Masters with a Master's Degree. The credits acquired with a first level Master can be used for obtaining the Master's Degree, upon evaluation of the Degree Program concerned. A Master can be accessed at any time in professional life, to enhance previous training or update the skills already acquired at a professional level.

Registration number

Number assigned to the student and registered in the university booklet on enrollment.

Seminar

In-depth teaching activity on an exam subject that offers the possibility of group work and active participation by students.

Internship and professional practical training

Training activities (to be carried out in institutions, internal or external to the university, or companies) important to complete the preparation of students by orienting them towards a future professional career. The teaching regulations of the study courses regulate their development and specify the university credits awarded.