



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2025/26
BACHELOR
ANIMAL SCIENCE (Classe L-38 R)
Enrolled in 2025/2026 academic year

HEADING

Degree classification - Denomination and code:	L-38 R
Degree title:	Dottore
Curricula currently available:	INTESIVE FARMING / EXTENSIVE FARMING
Length of course:	3 years
Total number of credits required to complete programme:	180
Years of course currently available:	1st
Access procedures:	Open, subject to completion of self-assessment test prior to enrolment
Course code:	HAB

PERSONS/ROLES

Head of Degree Course Coordination Council / Board

Prof. Alessandro Bagnato

Tutors - Faculty

Tutor per l'orientamento: prof.ssa Anna Gavoglio
Tutor per la mobilità internazionale e l'Erasmus: prof. Gabriele Breccia
Tutor per i piani di studio: prof.ssa Lisa Vallone
Tutor per stage e tirocini: prof.ssa Luisa Zaniboni
Tutor per laboratori e altre attività: prof.ssa Anna Lange Consiglio
Tutor per tesi di laurea: prof.ssa Alessia Giordano
Tutor per trasferimenti: prof. Alessandro Bagnato
Tutor per riconoscimento crediti: prof. Guido Grilli

Degree Course website

<https://produzionianimali.cdl.unimi.it/it>

Via dell'Università 6 Lodi La segreteria è aperta al pubblico previo appuntamento tramite il servizio informastudenti nei seguenti giorni: mercoledì dalle 9 alle 12 tramite piattaforma Teams - giovedì dalle 13 alle 15 in presenza. <https://www.unimi.it/it/studiare/servizi-gli-studenti/segreterie-informastudenti>

EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM

The University of Milan supports international mobility by providing its students with the opportunity to spend study and internship periods abroad. It is a unique chance to enrich your educational path in a new exciting environment.

The agreements entered into by the University with over 300 universities from the 27 EU member countries under the European Erasmus+ programme allow regularly enrolled students to carry out part of their studies at one of the partner universities or to undertake internships at companies, training and research centres and other organisations.

Similar international mobility opportunities are provided outside Europe, through agreements with a number of prestigious institutions.

The University of Milan is a member of the 4EU+ European University Alliance that brings together eight public multidisciplinary universities: University of Milan, Charles University of Prague, Heidelberg University, Paris-Panthéon-Assas University, Sorbonne University of Paris, University of Copenhagen, University of Geneva, and University of Warsaw. The 4EU+ Alliance offers integrated educational pathways and programmes to promote the international mobility of students (physical, blended and virtual).

How to participate in Erasmus mobility programs

How to participate in Erasmus+ mobility programmes

The students of the University of Milan can participate in mobility programmes, through a public selection procedure.

Ad hoc commissions will evaluate:

- Academic career
- the candidate's proposed study programme abroad
- his/her foreign language proficiency
- the reasons behind his/her application

Call for applications and informative meetings

The public selection for Erasmus+ mobility for study generally begins around February each year with the publication of a call for applications specifying destinations and requirements. Regarding the Erasmus+ Mobility for Traineeship, the University of Milan usually publishes two calls a year enabling students to choose a destination defined by an inter-institutional agreement or to find a traineeship position on their own.

The University organises informative meetings to illustrate mobility opportunities and rules for participation.

Erasmus+ scholarship

The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which may be supplemented by the University funding for disadvantaged students.

Language courses

Students who pass the selections for mobility programmes can benefit from intensive foreign language courses offered each year by the University Language Centre (SLAM).

<https://www.unimi.it/en/node/8/>

Learn more at <https://www.unimi.it/en/node/274/>

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502

Contacts: InformaStudenti;

Student Desk booking through InformaStudenti

1st COURSE YEAR Core/compulsory courses/activities common to all curricula		
Learning activity	Ects	Sector
Agronomy and herbaceous crops	6	AGR/02
Anatomy of farm animals	8	VET/01
Biochemistry	6	BIO/10
Chemistry and principles of biology	11	(3) AGR/17, (5) CHIM/03, (3) BIO/05
Economics	6	AGR/01
English assessment B1 (3 ECTS)	3	ND
Mathematics and phisic	10	(4) FIS/07, (6) MAT/02
Physiology of farm animals	7	VET/02
Total compulsory credits		57
2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities common to all curricula		
Learning activity	Ects	Sector
	6	AGR/20
Animal nutrition, nutritional evaluation of feed and feed technology	7	AGR/18
Genetic improvement	6	AGR/17
Livestock farming and welfare	8	AGR/19
Management economics and marketing of food products	6	AGR/01
Microbiology and hygiene	12	(6) VET/04, (6) VET/05
Rural buildings and mechanization	12	(6) AGR/09, (6) AGR/10
Total compulsory credits		57
3rd COURSE YEAR (available as of academic year 2027/28) Core/compulsory courses/activities common to all curricula		
Learning activity	Ects	Sector
Parasitology and toxicology	12	(6) VET/07, (6)

		VET/06
Pathology and reproduction	12	(6) VET/10, (6) VET/03
Practical training	3	NA
	Total compulsory credits	27

Further elective courses common to all curricula

In the third year of the course the student will have to choose 12 credits among the teachers active at the university consistent with the training plan.

Alternative, innovative and unconventional feeds	3	AGR/18
Analysis of food of animal origin for food safety purposes	3	VET/04
Animal nutrition and food safety: the Gap between Science and Public Opinion.	3	AGR/18
Basic concepts of molecular pathology	3	VET/03
Biochemical techniques for the analysis laboratory	3	BIO/10
Breeding management of poultry local breeds	3	AGR/20
Breeds and products of animal origin	3	AGR/17
Ecoparasitology and interaction between domestic and wild animals	3	VET/06
Evolution of petfood palatability	3	AGR/18
Feed Legislation	3	VET/08
Laboratory methods for infectious diseases prevention	3	VET/05
Management of animals in Animal Assisted Interventions	3	AGR/19
Management of animals in Animal Assisted Interventions	3	VET/02
Neonatal management in dogs, cats and horses	3	VET/10
Nutritional innovations and animal welfare	3	AGR/18
Physiology, Behaviour and Welfare of Dogs and Cats in their interactions with humans.	3	VET/02
Practical aspects to interact and integrate efficiently in the dairy and beef cattle breeding	3	VET/04
Principles of hygiene and prevention of infectious and parasitic diseases of unconventional pets	3	(1.5) VET/06, (1.5) VET/05
Protection of the health and welfare of dogs, cats and unconventional pets	3	VET/08
Protection of the health and welfare of equids	3	VET/08
Reproductive and Embryo technologies for biodiversity preservation in companion animals	3	(1) VET/10, (2) VET/01
Small ruminants nutrition and products quality	3	AGR/18

End of course requirements common to all curricula

Final examination	3	NA
	Total compulsory credits	3

ACTIVE CURRICULA LIST

INTENSIVE FARMING Course years currently available: 1°
EXTENSIVE FARMING Course years currently available: 1°

CURRICULUM: [HAB-A] INTENSIVE FARMING

<i>Further elective courses Curriculum-specific features INTENSIVE FARMING</i>		
In the third year of the course the student will have to choose four courses from those indicated in the following group for a total of 24 cfu.		
Genomics, selection and morpho-functional evaluation	6	(3) AGR/19, (3) AGR/17
Hygiene and technology of food of animal origin	6	VET/04
Livestock feeding and environmental impact	6	AGR/18
Technologies for reducing environmental impact in animal husbandry	6	AGR/09
Veterinary hygiene	6	VET/05
Zootechnical legislation and food safety	6	VET/08

CURRICULUM: [HAB-B] EXTENSIVE FARMING

<i>Further elective courses Curriculum-specific features EXTENSIVE FARMING</i>		
In the third year of the course the student will have to choose four courses from those indicated in the following group for a total of 24 cfu.		
Alternative farming of poultry and aquaculture	6	AGR/20
Extensive and pastoral management techniques and product quality	6	AGR/19
Extensive livestock feeding and grazing	6	AGR/18
Food safety in processing of farm food products	6	VET/04
Livestock biodiversity and agroecosystems	6	(3) AGR/19, (3) AGR/17
Organic animal husbandry and feeding	6	(3) AGR/19, (3) AGR/18

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisites

Learning activity	Prescribed foundation courses	O/S
Pathology and reproduction	Physiology of farm animals	Core/compulsory
	Anatomy of farm animals	Core/compulsory
Parasitology and toxicology	Physiology of farm animals	Core/compulsory
	Anatomy of farm animals	Core/compulsory
Animal nutrition, nutritional evaluation of feed and feed technology	Biochemistry	Core/compulsory