



**UNIVERSITA' DEGLI STUDI DI MILANO**  
**PROGRAMME DESCRIPTION - ACADEMIC YEAR 2024/25**  
**MASTER DEGREE**  
**Animal Husbandry Sciences and Technologies (Classe LM-86)**  
**Enrolled from 2014/2015 academic year**

### HEADING

<b>Degree classification - Denomination and code:</b>	LM-86 Livestock management
<b>Degree title:</b>	Dottore Magistrale
<b>Curricula currently available:</b>	ANIMAL FEEDING FOR HEALTH AND CONSUMER WELFARE / PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN / BIOSAFETY IN ANIMAL HUSBANDRY / LIVESTOCK AND FAUNA ECOSYSTEMS
<b>Length of course:</b>	2 years
<b>Credits required for admission:</b>	180
<b>Total number of credits required to complete programme:</b>	120
<b>Years of course currently available:</b>	1st , 2nd
<b>Access procedures:</b>	Open, subject to entry requirements
<b>Course code:</b>	H53

### PERSONS/ROLES

#### Head of Study Programme

prof. Alessandro Bagnato

#### Tutors - Faculty

Tutor per l'orientamento: prof. Guido Grilli  
Tutor per la mobilità internazionale e l'Erasmus: prof. Gabriele Brecchia  
Tutor per i piani di studio: prof. Alessandro Bagnato  
Tutor per stage e tirocini: prof.ssa Luisa Zaniboni  
Tutor per laboratori e altre attività: prof. Stefano Comazzi  
Tutor per tesi di laurea: prof. Giovanni Savoini  
Tutor per trasferimenti: prof. Alessandro Bagnato  
Tutor per ammissioni lauree magistrali: prof. Alessandro Bagnato  
Tutor per riconoscimento crediti: prof. Valerio Bronzo

#### Degree Course website

<https://produzionianimali-lm.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>

### CHARACTERISTICS OF DEGREE PROGRAMME

#### Notes

In order to get their degree, students are required to certify their knowledge of the English language at the B1 level. This level can be certified in one of the following ways:

· By submitting their language certificate, taken no more than 3 years before its submittal and attesting a B2 o higher level (for the list of the language certificates which are accepted by the University of Milan, please refer to the website: <http://www.unimi.it/studenti/100312.htm>).

Students can submit their language certificate during the immatriculation procedure or send it to the Language Centre of the University of Milan (SLAM) via the Infostudente service.

· By sitting the placement test run by SLAM, during the first year exclusively, from September to December. Should they not

pass the Placement Test, students will have to attend the English language course organized by SLAM. All students who do not have a valid language certificate must sit the Placement Test. Those students who do not sit the Placement test by December or do not pass the end of course test in one of the 6 attempts granted will have to get a language certificate outside the University of Milan within their degree.

## **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 organizations.

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

### **Study and internships abroad**

The Master Programme during the a.y. 2024-25 offers to students an Erasmus Blended Intensive Programme (BIP), which includes a Summer School (in presence) combined with online learning and cooperation activities. BIPs are a new type of short and intensive mobility under the Erasmus+ 2021-2027 Programme which, using innovative learning and teaching methods, allow students to carry out an internationalization experience that combines a short physical mobility with a mandatory online course.

Course title: The Rabbit: Livestock animal, Pet, and Experimental Model

Partners: University of Milan, Italy - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania - Istanbul University-Cerrahpasa, Turkey - Universitat Politècnica De València, Spain

Period: second semester

Credits acquired: 9

The Course of Studies in the academic year 2024-25 offers students a course that aims to develop knowledge relating to scientific and regulatory challenges in the field of sustainability and agri-food innovation, with particular reference to the case of novel foods. The course is part of an Erasmus-funded project entitled "Feeding Future Generations Sustainably: Legal Challenges and Scientific Innovation – FeedInn- Jean Monnet Module" starting from

### **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 organizes 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; mobility.out@unimi.it  
 Student Desk booking through InformaStudenti

<b>1st COURSE YEAR Core/compulsory courses/activities common to all curricula</b>		
Learning activity	Ects	Sector
Advanced genetic improvement	8	AGR/17
Biostatistics and bioinformatics	6	ING-INF/06
Breeding and management of ruminant and monogastric	6	AGR/19
Certification of food and animal sectors	6	VET/04
Information and electronic technologies for animal production	8	AGR/09
Poultry Science	6	AGR/20
Rationing of livestock	9	AGR/18
Zoonoses of mammalian and avian species	6	VET/05
	Total compulsory credits	55
<b>Elective courses common to all curricula</b>		
English proficiency B2 (3 ECTS)	3	NN
<b>2nd COURSE YEAR Core/compulsory courses/activities common to all curricula</b>		
Learning activity	Ects	Sector
Land appraisal	8	AGR/01
	Total compulsory credits	8
<b>Elective courses common to all curricula</b>		
Analysis of food of animal origin toward consumer protection	3	VET/04
Automatic feeding systems for cattle	3	AGR/09
Biochemistry of foods of animal origin	3	BIO/12
Health Legislation and Workplace Safety Law	3	VET/08
Leadership & Communication	3	AGR/18
Management of Invasive Alien Species and European carnivores	3	VET/05
Mastitis management and prevention	3	VET/05
Natural additives in food producing animals	3	AGR/18
Pathophysiology of wild animals	3	VET/03
Physiology of lactation	3	VET/02
Precision livestock farming	3	AGR/10
Professional practice and culture	3	AGR/01
Wildlife Toxicology: emerging contaminants	3	VET/07
<b>End of course requirements common to all curricula</b>		
Final Examination	21	NN
	Total compulsory credits	21

## ACTIVE CURRICULA LIST

ANIMAL FEEDING FOR HEALTH AND CONSUMER WELFARE Course years currently available: 1st , 2nd  
 PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN Course years currently available: 1st , 2nd  
 BIOSAFETY IN ANIMAL HUSBANDRY Course years currently available: 1st , 2nd  
 LIVESTOCK AND FAUNA ECOSYSTEMS Course years currently available: 1st , 2nd

### CURRICULUM: [H53-D] ANIMAL FEEDING FOR HEALTH AND CONSUMER WELFARE

<b>2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features ANIMAL FEEDING FOR HEALTH AND CONSUMER WELFARE</b>		
Learning activity	Ects	Sector
Biochemistry, Pathology and Toxicology Food	9	(3) VET/07, (3) VET/03, (3) BIO/12
nutrition for animal health and for human well-being	15	AGR/18
	Total compulsory credits	24

### CURRICULUM: [H53-E] PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN

<b>2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN</b>		
Learning activity	Ects	Sector
Animal nutrition, supply and quality of animal products	12	(6) AGR/19, (6) AGR/18
Safety and quality of food animal origin	12	(3) VET/07, (3)

			VET/02, (6) VET/04
	Total compulsory credits	24	

**CURRICULUM: [H53-F] BIOSAFETY IN ANIMAL HUSBANDRY**

<b>2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features BIOSAFETY IN ANIMAL HUSBANDRY</b>			
<b>Learning activity</b>		<b>Ects</b>	<b>Sector</b>
Biosecurity and management		14	(3) VET/06, (3) AGR/18, (8) VET/05
Hygiene of Bovine Production		10	VET/05
Total compulsory credits		24	

**CURRICULUM: [H53-G] LIVESTOCK AND FAUNA ECOSYSTEMS**

<b>2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features LIVESTOCK AND FAUNA ECOSYSTEMS</b>			
<b>Learning activity</b>		<b>Ects</b>	<b>Sector</b>
Management and conservation		14	(5) AGR/19, (3) VET/06, (3) AGR/17, (3) VET/05
Zooculture		10	(2) VET/01, (8) AGR/20
Total compulsory credits		24	