



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2025/26
MASTER DEGREE
ANIMAL HUSBANDRY SCIENCES AND TECHNOLOGIES (Classe LM-86 R)
Enrolled in 2025/2026 academic year

HEADING

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|--|---|
| Degree classification - Denomination and code: | LM-86 R |
| Degree title: | Dottore Magistrale |
| Curricula currently available: | FEED - ANIMAL NUTRITION FOR ANIMAL HEALTH AND CONSUMER WELL-BEING / PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN / BIOSAFETY IN ANIMAL HUSBANDRY / LIVESTOCK AND FAUNA ECOSYSTEMS |
| Length of course: | 2 semesters |
| Credits required for admission: | 180 |
| Total number of credits required to complete programme: | 120 |
| Years of course currently available: | 1st |
| Access procedures: | Open, subject to entry requirements |
| Course code: | HBB |

PERSONS/ROLES

Head of Study Programme

prof. Alessandro Bagnato

Head of Degree Course Coordination Council / Board

Prof. Alessandro Bagnato

Degree Course website

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

Via dell'Università n. 6 - LODI La segreteria è aperta al pubblico previo appuntamento tramite il servizio informastudenti nei giorni: Mercoledì 9:00 - 12:00 tramite piattaforma Teams Giovedì 13:00 - 15:00 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 |
| Advanced genetic improvement | 8 | AGR/17 |
| Biostatistics and bioinformatics | 6 | SECS-S/01 |
| 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 |
| Elective courses common to all curricula | | |
| English proficiency B2 (3 ECTS) | 3 | ND |
| 2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities common to all curricula | | |
| Learning activity | Ects | Sector |
| Agribusiness | 8 | AGR/01 |
| | Total compulsory credits | 8 |
| Elective courses common to all curricula | | |
| Analysis of food of animal origin toward consumer protection | 3 | VET/04 |
| Automatic feeding systems for cattle | 3 | AGR/19 |
| Biochemistry of foods of animal origin | 3 | BIO/10 |
| 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 |

| End of course requirements common to all curricula | | |
|---|----|----|
| | 6 | NA |
| Final exam | 15 | NA |
| Total compulsory credits | 21 | |

ACTIVE CURRICULA LIST

FEED - ANIMAL NUTRITION FOR ANIMAL HEALTH AND CONSUMER WELL-BEING Course years currently available: 1st
 PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN Course years currently available: 1st
 BIOSAFETY IN ANIMAL HUSBANDRY Course years currently available: 1st
 LIVESTOCK AND FAUNA ECOSYSTEMS Course years currently available: 1st

CURRICULUM: [HBB-A] FEED - ANIMAL NUTRITION FOR ANIMAL HEALTH AND CONSUMER WELL-BEING

| 2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities Curriculum-specific features FEED - ANIMAL NUTRITION FOR ANIMAL HEALTH AND CONSUMER WELL-BEING | | |
|--|-------------|------------------------------------|
| Learning activity | Ects | Sector |
| Biochemistry, Pathology and Toxicology Food | 9 | (3) VET/07, (3) BIO/10, (3) VET/03 |
| Nutrition for animal health and for human well-being | 15 | AGR/18 |
| Total compulsory credits | 24 | |

CURRICULUM: [HBB-B] PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN

| 2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities Curriculum-specific features PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN | | |
|---|-------------|------------------------------------|
| 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: [HBB-C] BIOSAFETY IN ANIMAL HUSBANDRY

| 2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities Curriculum-specific features BIOSAFETY IN ANIMAL HUSBANDRY | | |
|--|-------------|------------------------------------|
| Learning activity | Ects | Sector |
| 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: [HBB-D] LIVESTOCK AND FAUNA ECOSYSTEMS

| 2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities Curriculum-specific features LIVESTOCK AND FAUNA ECOSYSTEMS | | |
|---|-------------|--|
| Learning activity | Ects | Sector |
| 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 | |