



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2019/20
MASTER DEGREE
Animal Husbandry Sciences and Technologies (Classe LM-86)
Enrolled from 2014/15 academic year

HEADING

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

PERSONS/ROLES

Head of Study Programme

prof. Vittorio Maria Moretti

Tutors - Faculty

Prof. Carlo Corino, Prof. Vittorio Maria Moretti, Prof. Vitaliano Borromeo, dott. Guido Grilli.

Degree Course website

www.unimi.it

<http://www.unimi.it/studenti/matricole/77516.htm>

via dell'Università, 6 – Lodi martedì e giovedì dalle 13 alle 15 mercoledì dalle 9 alle 12 previo appuntamento utilizzando il servizio infostudenti <http://www.unimi.it>

<http://www.unimi.it/studenti/matricole/77648.htm>

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 or 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 the international mobility of its students, offering them the opportunity to spend periods of study and training abroad, a unique opportunity to enrich their curriculum in an international context.

How to participate in Erasmus mobility programs

To gain access to mobility programs for study purposes, lasting 3-12 months, the enrolled students of the University of Milan must attend a public selection that starts usually around the month of February each year through the presentation of specific competition announcements, which contain information on available destinations, respective duration of the mobility, requirements and deadlines for submitting the online application.

The selection, aimed at evaluating the proposed study abroad program of the candidate, knowledge of a foreign language, especially when this is a preferential requirement, and the motivations behind the request, is performed by specially constituted commissions.

Each year, before the expiry of the competition announcements, the University organises information sessions for the specific study course or groups of study courses, in order to illustrate to students the opportunities and participation rules.

To finance stays abroad under the Erasmus + program, the European Union assigns to the selected students a scholarship that - while not covering the full cost of living abroad - is a useful contribution for additional costs as travel costs or greater cost of living in the country of destination.

The monthly amount of the communitarian scholarship is established annually at national level; additional contributions may be provided to students with disabilities.

In order to enable students in economic disadvantaged conditions to participate in Erasmus+ program, the University of Milan assigns further additional contributions; amount of this contributions and criteria for assigning them are established from year to year.

The University of Milan promotes the linguistic preparation of students selected for mobility programs, organising every year intensive courses in the following languages: English, French, German and Spanish.

The University in order to facilitate the organisation of the stay abroad and to guide students in choosing their destination offers a specific support service.

More information in Italian are available on www.unimi.it > Studenti > Studiare all'estero > Erasmus+

For assistance please contact:

Ufficio Accordi e relazioni internazionali

via Festa del Perdono 7 (ground floor)

Tel. 02 503 13501-12589-13495-13502

Fax 02 503 13503

E-mail: mobility.out@unimi.it

Desk opening hour: Monday-friday 9 - 12

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	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
Elective courses common to all curricula		
English proficiency B2 (3 ECTS)	3	L-LIN/12
2nd COURSE YEAR Core/compulsory courses/activities common to all curricula		
Learning activity	Ects	Sector
Land appraisal	8	AGR/01
Total compulsory credits		8
Elective courses common to all curricula		
Analysis of food of animal origin and consumer protection	3	VET/04

ANIMAL FEEDING MACHINERY AND EQUIPMENT	3	AGR/09
Biochemistry of foods of animal origin	3	BIO/12
Health Legislation and Workplace Safety Law	3	VET/08
Lactation Physiology	3	VET/02
Leadership & Communication	3	AGR/18
Management and Technological aspects for mastitis control	3	VET/05
Management of invasive species and large carnivores	3	VET/05
Natural additives for controlling of health status in animal husbandry	3	AGR/19
Pathophysiology of wild animals	3	VET/03
Precision Livestock Farming	3	AGR/10
Professional practice and culture	3	AGR/01
Toxicology and wildlife: emergent contaminants	3	VET/07
End of course requirements common to all curricula		
Final Examination	21	NA
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

2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features ANIMAL FEEDING FOR HEALTH AND CONSUMER WELFARE		
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

2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features PRODUCTION AND SAFETY OF FOOD OF ANIMAL ORIGIN		
Learning activity	Ects	Sector
Power, 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

2nd COURSE YEAR 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: [H53-G] LIVESTOCK AND FAUNA ECOSYSTEMS

2nd COURSE YEAR 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	