



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2019/20
BACHELOR
Animal Husbandry and Welfare (Classe L-38)
Enrolled from 2014/2015 academic year

HEADING

Degree classification - Denomination and code:	L-38 Animal husbandry
Degree title:	Dottore
Curricula currently available:	Domestic animals / HORSE FARMING / FOODS OF ANIMAL ORIGIN AND TERRITORY / EXTENSIVE FARMING WITH NATURALISTIC VALUE / ENVIRONMENTAL SUSTAINABILITY OF INTENSIVE LIVESTOCK FARMING
Length of course:	3 years
Total number of credits required to complete programme:	180
Years of course currently available:	1st , 2nd , 3rd
Access procedures:	Cap on student, student selection based on entrance test
Course code:	H13

PERSONS/ROLES

Head of Study Programme

prof. Vittorio Maria Moretti

Tutors - Faculty

Prof. Agazzi Alessandro, Prof.ssa Alessia Giordano, Prof. Michele Polli, Prof.ssa Raffaella Rossi, dott. Francesco Tangorra.

Degree Course website

www.unimi.it

Via dell'Università n. 6 Lodi martedì - giovedì dalle 13 alle 15 mercoledì dalle 9 alle 12 Previo appuntamento utilizzando il servizio infostudenti <http://www.unimi.it>

CHARACTERISTICS OF DEGREE PROGRAMME

Notes

CFU/CREDITS

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 B1 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
Agricultural economics and policy	6	AGR/01
Agronomy	6	AGR/02
Anatomy of Domestic Animals	7	VET/01
Biochemistry	6	BIO/10
Chemistry	6	CHIM/03, CHIM/06
English assessment B1 (2 ECTS)	2	L-LIN/12
Mathematics and Statistics	10	MAT/09, MAT/01, MAT/02, MAT/03, MAT/04, MAT/05, MAT/06, MAT/07, MAT/08
Physiology of Animal domestics	6	VET/02
Total compulsory credits		49
2nd COURSE YEAR Core/compulsory courses/activities common to all curricula		
Learning activity	Ects	Sector
Animal nutrition and feeding	16	AGR/18
Breeding of small species	6	AGR/20
Farming systems and animal welfare	12	AGR/19
General Microbiology and Immunology	6	VET/05
Genetics of Animal domestics	8	AGR/17
Rural Buildings and facilities	12	(6) AGR/09, (6) AGR/10

Toxicology and Legislation		9	(6) VET/07, (3) VET/08
	Total compulsory credits	69	
3rd COURSE YEAR Core/compulsory courses/activities common to all curricula			
Learning activity		Ects	Sector
Business economics and marketing		6	AGR/01
Parassitogy and Hygiene		11	(3) VET/06, (8) VET/05
Pathology and Reproduction		11	(6) VET/10, (5) VET/03
	Total compulsory credits	28	
Elective courses common to all curricula			
Aquaculture		3	AGR/20
BEEKEEPING TECHNIQUES AND HONEY BEE BREEDING		3	AGR/17
Breeds and products of livestock species		3	AGR/17
Feed Law		3	VET/08
Feeding and welfare of Pig Specie, in practice		3	AGR/18
FUNCTIONAL AND METABOLIC EVALUATION OF THE EQUINE ATHLETE		3	VET/08
Laboratory methods for disease prevention in livestock		3	VET/05
Milking machine use and maintenance		3	AGR/09
Organic livestock production systems		3	AGR/19
Parasites and breeding of Companion Animals		3	VET/06
PET'S ANATOMY AND MORPHOLOGY		3	VET/01
PHYSIOLOGY OF ADAPTATION AND REPRODUCTION OF EXOTIC ANIMALS HOUSED IN CONTROLLED ENVIRONMENT		3	VET/02
Physiology, behaviour and welfare of dogs and cats in their relationship with humans		3	VET/02
Plants and structures for agri-tourism sustainable zootechnical farms		3	AGR/09
PRACTICAL ASPECTS OF POST-PARTUM REPRODUCTIVE PATHOLOGIES IN HIGH PRODUCING DAIRY COWS		3	VET/10
Practical aspects to interact and integrate efficiently in the dairy and beef cattle breeding		3	AGR/18
Small Ruminant Nutrition & Quality of Products		3	AGR/18
The animal welfare professionals devoted to livestock production systems and animal experimentation		3	VET/08
Toxicology: Detection of Contaminants and Illicit Substances		3	VET/07
WILDLIFE PARASITOLOGY		3	VET/06
End of course requirements common to all curricula			
Final Examination		4	NA
Training		6	NA
	Total compulsory credits	10	

ACTIVE CURRICULA LIST

Domestic animals Course years currently available: 1°, 2°, 3°

HORSE FARMING Course years currently available: 1°, 2°, 3°

FOODS OF ANIMAL ORIGIN AND TERRITORY Course years currently available: 1°, 2°, 3°

EXTENSIVE FARMING WITH NATURALISTIC VALUE Course years currently available: 1°, 2°, 3°

ENVIRONMENTAL SUSTAINABILITY OF INTENSIVE LIVESTOCK FARMING Course years currently available: 1°, 2°, 3°

CURRICULUM: [H13-B] Domestic animals

3rd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features Domestic animals			
Learning activity		Ects	Sector
Genetics and Ethology		7	(3) AGR/19, (4) AGR/17
Nutrition and feeding of dog and cat		5	AGR/18
	Total compulsory credits	12	

CURRICULUM: [H13-C] HORSE FARMING

3rd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features HORSE FARMING			
Learning activity		Ects	Sector
horse management		6	AGR/19
Nutrition, feeding and Dietology		6	AGR/18
	Total compulsory credits	12	

CURRICULUM: [H13-D] FOODS OF ANIMAL ORIGIN AND TERRITORY

3rd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features FOODS OF ANIMAL ORIGIN AND TERRITORY			
Learning activity		Ects	Sector

Microbiology and Hygiene of animal-origin food	6	VET/04
Processing industries of food of animal origin	6	VET/04
Total compulsory credits	12	

CURRICULUM: [H13-E] EXTENSIVE FARMING WITH NATURALISTIC VALUE

3rd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features EXTENSIVE FARMING WITH NATURALISTIC VALUE

Learning activity	Ects	Sector
Extensive farming and eco-parasitology	6	(3) AGR/19, (3) VET/06
Feeding and genetics	6	(3) AGR/18, (3) AGR/17
Total compulsory credits	12	

CURRICULUM: [H13-F] ENVIRONMENTAL SUSTAINABILITY OF INTENSIVE LIVESTOCK FARMING

3rd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features ENVIRONMENTAL SUSTAINABILITY OF INTENSIVE LIVESTOCK FARMING

Learning activity	Ects	Sector
Renewable Energies and Energy Savings for agro-zootechnical systems	6	AGR/09
sustainable management of livestock waste	6	AGR/10
Total compulsory credits	12	