



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2019/20
MASTER DEGREE
Agricultural Sciences (CLASSE LM-69)
Enrolled from 2010/11 academic year until 2018/19 academic year

HEADING

Degree classification - Denomination and code:	LM-69 Agriculture
Degree title:	Dottore Magistrale
Curricula currently available:	
Length of course:	2 years
Credits required for admission:	180
Total number of credits required to complete programme:	120
Years of course currently available:	2nd
Access procedures:	
Course code:	G58

PERSONS/ROLES

Head of Study Programme

Prof. Gianni Matteo Crovetto

Degree Course website

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

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.

Study and internships abroad

The Course of study in Agrarian Sciences gives many opportunities for stages abroad mainly through the Erasmus+ programme. About 30 foreign Universities of the EU are involved in this students exchange. Globally every year about 5 students of this course of study make a stage in these universities. The areas of study which can be followed by the students abroad are almost all those included in this course of study. In general, students who make a stage abroad attend local courses or participate in research for the preparation of their thesis.

The examination scores and the related UFC obtained in the partner universities are almost entirely acknowledged by our university for the curriculum studies.

Other possibilities exist in terms of cultural exchange with non EU universities (in China, Japan, Latin America) not involved in the Erasmus programme.

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 (disactivated from academic year 2019/20) Core/compulsory courses/activities common to all curricula		
Learning activity	Ects	Sector
Agribusiness and Farm Management	8	AGR/01
Animal husbandry systems: animal production, environment, and food of animal origin	8	AGR/19, AGR/18
Cropping systems	8	AGR/02
Total compulsory credits		24
2nd COURSE YEAR Core/compulsory courses/activities common to all curricula		
Learning activity	Ects	Sector
Rural appraisal	8	AGR/01
Total compulsory credits		8
Further elective courses common to all curricula		
Applied agricultural English	3	BIO/03
Equal opportunities and scientific careers	3	SPS/09
Other educational experiences	3	NA
End of course requirements common to all curricula		
Final exam	27	NA
Total compulsory credits		27

ACTIVE CURRICULA LIST

Livestock Science Course years currently available: 2nd

Technical - Economical Course years currently available: 2nd

CURRICULUM: [G58-C] Livestock Science

1st COURSE YEAR (disactivated from academic year 2019/20) Core/compulsory courses/activities Curriculum-specific features Livestock Science		
Learning activity	Ects	Sector
Animal breeding and applied biotechnologies	8	AGR/17
Animal nutrition and feeding (advanced course)	8	AGR/18
Livestock mechanisation and manure management	8	AGR/09, AGR/10
Total compulsory credits		24
2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features Livestock Science		
Learning activity	Ects	Sector
Poultry, rabbit and aquaculture productions	8	AGR/20

	Total compulsory credits	8
<i>Elective courses Curriculum-specific elective courses for Livestock Science</i>		
Advanced dairy microbiology	6	AGR/16
Advanced dairy technologies	6	AGR/16
Energy for Agriculture	6	AGR/09
Environmental policy	6	AGR/01
Farm automation	4	AGR/09
GIS (Geographical Information System) for rural landscape	4	AGR/10
Integrated design and re-use of rural buildings	6	AGR/10
International agrifood markets and policy	6	AGR/01
International cooperation and crop-livestock systems	6	AGR/18
Landscape planning	8	AGR/10
Marketing	6	AGR/01
Monogastric production system	6	AGR/19
Plant protection management	6	AGR/12
Quality and genuineness of milk and dairy products	6	AGR/16
Ruminant animal production systems	6	AGR/19
Territorial policy and rural development	8	AGR/01
Tree growing strategies	6	AGR/03
Vegetables and ornamentals growing systems	6	AGR/03

CURRICULUM: [G58-D] Technical - Economical

<i>1st COURSE YEAR (disactivated from academic year 2019/20) Core/compulsory courses/activities Curriculum-specific features Technical - Economical</i>		
Learning activity	Ects	Sector
Landscape planning	8	AGR/10
Mechanization of agricultural processes	8	AGR/09
Water resources and hydraulic infrastructures for agriculture	8	AGR/08
	Total compulsory credits	24
<i>2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features Technical - Economical</i>		
Learning activity	Ects	Sector
Agriculture and economic development	8	AGR/01
	Total compulsory credits	8
<i>Elective courses Curriculum-specific elective courses for Technical - Economical</i>		
Advanced dairy microbiology	6	AGR/16
Advanced dairy technologies	6	AGR/16
Energy for Agriculture	6	AGR/09
Environmental policy	6	AGR/01
Farm automation	4	AGR/09
GIS (Geographical Information System) for rural landscape	4	AGR/10
Integrated design and re-use of rural buildings	6	AGR/10
International agrifood markets and policy	6	AGR/01
International cooperation and crop-livestock systems	6	AGR/18
Marketing	6	AGR/01
Monogastric production system	6	AGR/19
Plant protection management	6	AGR/12
Quality and genuineness of milk and dairy products	6	AGR/16
Ruminant animal production systems	6	AGR/19
Territorial policy and rural development	8	AGR/01
Tree growing strategies	6	AGR/03
Vegetables and ornamentals growing systems	6	AGR/03