



**UNIVERSITA' DEGLI STUDI DI MILANO**  
**PROGRAMME DESCRIPTION - ACADEMIC YEAR 2018/19**  
**BACHELOR**

**Agrotechnologies for the Environment and the Territory (Classe L-25)**  
**Enrolled from 2011/12 academic year**

### **HEADING**

<b>Degree classification - Denomination and code:</b>	L-25 Agriculture and forestry industry
<b>Degree title:</b>	Dottore
<b>Length of course:</b>	3 years
<b>Total number of credits required to complete programme:</b>	180
<b>Years of course currently available:</b>	1st , 2nd , 3rd
<b>Access procedures:</b>	Cap on student, student selection based on entrance test
<b>Course code:</b>	G26

### **PERSONS/ROLES**

#### **Head of Study Programme**

Prof. Luca Espen

#### **Degree Course website**

<http://www.agraria.unimi.it/G26/presentazione.php>

<http://www.unimi.it/studenti/matricole/77598.htm>

### **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 Agrotechnologies for the Environment and the Territory 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](http://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](mailto:mobility.out@unimi.it)

Desk opening hour: Monday-friday 9 - 12

<b>1st COURSE YEAR Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Biology	12	(4) BIO/05, (8) BIO/03
Essentials of economics	6	AGR/01
General and inorganic chemistry	6	CHIM/03
Mathematics and statistics	10	(4) SECS-S/01, (6) MAT/02
Organic chemistry	6	CHIM/06
Physics	6	FIS/07
Total compulsory credits		46
<b>2nd COURSE YEAR Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Agricultural biochemistry and physiology of crop plants	6	AGR/13
Agroecology and cropping systems	8	(4) AGR/02, (4) AGR/03
Farm structures and the environment	10	AGR/10
Fundamental of ecology and forestry	8	(4) AGR/05, (4) BIO/07
General agronomy	8	AGR/02
General and environmental microbiology	6	AGR/16
Livestock Farming System	8	(3) AGR/19, (5) AGR/18
Soil science	10	(4) AGR/14, (6) AGR/13
Total compulsory credits		64
<b>3rd COURSE YEAR Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Agricultural mechanization and energy systems	8	AGR/09
Environmental analysis and monitoring	6	CHIM/06
Environmental economics and appraisal	8	AGR/01
Principles of hydraulics and hydrology	10	AGR/08
Principles of plant protection	8	(4) AGR/11, (4) AGR/12
Total compulsory credits		40
<b>COURSE YEAR UNDEFINED Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Foreign Language	3	NA
Notions and skills of Informatics	3	INF/01
Total compulsory credits		6
<b>Further elective courses</b>		

***End of course requirements***

Final exam	5	NA
Stage	7	NA
Total compulsory credits	12	