



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2021/22
BACHELOR

Development and protection of mountain environment (Classe L-25)
Enrolled from 2019/20 academic year

HEADING

Degree classification - Denomination and code:	L-25 Agriculture and forestry industry
Degree title:	Dottore
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:	G24

PERSONS/ROLES

Head of Study Programme

Prof.ssa Annamaria Giorgi

Tutors - Faculty

Tutor per i piani di studio:

lettera iniziale cognome studenti A-BL: Prof.ssa Borgonovo Gigliola

lettera iniziale cognome studenti BO-CA: Prof. De Noni Ivano

lettera iniziale cognome studenti CE-FE: Prof. Facchinetti Davide

lettera iniziale cognome studenti FI-LU: Prof. Ferrazzi Giovanni

lettera iniziale cognome studenti M-P: Prof. Saracchi Marco

lettera iniziale cognome studenti RA-SE: Prof. Tamburini Alberto

lettera iniziale cognome studenti SI-Z: Prof.ssa Zanchi Raffaella

Degree Course website

<https://vtatm.cdl.unimi.it/>

Via Morino 8, Edolo (BS) Phone 0250330500 Email: corso.edolo@unimi.it

Email: presidente.edolo@unimi.it

via Celoria 18 - Milano Città Studi Phone 0250325032 <https://www.unimi.it/it/node/360> <https://www.unimi.it/it/node/359>

via Celoria 2 - Milano Città Studi Phone 0250316511-0250316512 Lunedì, mercoledì e venerdì dalle 10.30 alle 12.30; martedì e giovedì dalle 14 alle 16. Email: didattica.agraria@unimi.it

Prof.ssa Raffaella Zanchi Email: raffaella.zanchi@unimi.it

CHARACTERISTICS OF DEGREE PROGRAMME

General and specific learning objectives

The goal of the Undergraduate Programme in Conservation and sustainable development of mountain areas (Class L-25) is to provide a strong basic knowledge, preparatory to the Master Degree Course, and to provide professional skills in the main fields of agricultural and forest sciences.

Graduates will be able to deal with technical, management and professional activities typical of agricultural and forest systems and the related technologies. They will be able to:

- manage and provide technical assistance to typical mountain farms based on integrated agriculture, grazing, dairy, forestry and agri-tourism;
- manage and develop mountain territories in a long-term sustainability perspective

They will be able to work at European and extra-European levels, communicating in English and organising and transferring data and information.

Expected learning outcomes

Graduates will be able to:

- attend with proficiency to Master Classes
- sampling data and their analyses and presentation
- identifying the territorial resources to be developed
- taking autonomous decisions, based on knowledge and partial data

- writing technical reports using an appropriate language
- communicating ideas, information and solutions both to professional and non-technical audiences, by using different media and technologies
- working in a group.

Professional profile and employment opportunities

The graduated is a specialised professional to operate in the fields of the protection and valorisation of territory and natural resources, of the crop and animal production and related food and non-food products, of the mountain territory.

In particular, the sectors of activity, both as an entrepreneur or employer in private companies or public bodies, are:

- crop and animal production,
- forestry,
- land protection design,
- technical assistance to farmers,
- public administration officers,
- high school teaching.

After the graduation, further professional certifications are allowed: junior agronomist/forester (Section B, according to the Italian law), qualified agricultural technician.

Notes

In order to obtain their degree, students must be proficient in English at a B1 level under the Common European Framework of Reference for Languages (CEFR). This proficiency level may be certified as follows:

- By a language certification, earned within three years prior to the date of submission, at a B1 level or higher. For the list of language certifications recognised by the University, please review: <https://www.unimi.it/en/study/language-proficiency/placement-tests-entry-tests-and-english-courses>. The certification must be uploaded during the enrolment procedure, or subsequently to the portal <http://studente.unimi.it/uploadCertificazioniLingue>;
- By a Placement Test, which is delivered by the University Language Centre (SLAM) during year I only, from October to December. Students who fail the test will be required to take a SLAM course.

The Placement Test is mandatory for all students who do not hold a valid certification.

Those who do not sit the Placement Test by December, or who fail to pass the end-of-course test within six attempts, must obtain an outside paid certification by graduation.

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 and other Extra-EU 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 organizations.

Similar international mobility opportunities are provided outside Europe, through agreements with a number of prestigious institutions.

Study and internships abroad

The Degree course in Improvement and Protection of Mountain Environments offers ample opportunity to study abroad, mainly through the Erasmus + programme involving approximately 30 universities throughout the European Union and the Swiss Mobility Programme. Each year about 5 students choose to spend a period of study/work at these universities. Any specific sectors of the degree course can be developed at partner universities. In general, students who benefit from this opportunity tend to take courses that broaden their scientific knowledge, and to carry out internships or theses in well-known laboratories. A learning agreement, defining the choice of exams and the organization of the internship at the partner university, is drawn up in collaboration with the Erasmus coordinator of the degree course. Before completing the learning agreement, students must obtain formal approval of the examinations to be taken at the host university from lecturers who hold equivalent or similar courses at the University of Milan. The examination grades and the relative credits obtained at partner universities are recognized almost entirely, so students can be sure that results obtained in the host university will then be positively evaluated in their study curriculum. There are also other opportunities for cultural exchanges with Universities that have established agreements with our University but are not part of the Erasmus system. These belong to non-EU areas such as China, Japan, Latin America. Moreover, the extensive network of collaboration and contacts involving most mountain stakeholders at local, regional, national and international levels active at the UNIMONT centre allows the organization of seminars and activities that offer students a unique opportunity to get in touch with the "innovation ecosystem" of European mountain areas, and therefore with the main actors and best practices active at an international level.

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 generally begins around February each year with the publication of a call for applications specifying the destinations, with the respective programme duration (from 2/3 to 12 months), requirements and online application deadline.

Every year, before the deadline for the call, the University organizes informative meetings to illustrate opportunities and rules for participation to students.

Erasmus+ scholarship

The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which is 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.

Learn more at <https://www.unimi.it/en/international/study-abroad/studying-abroad-erasmus>

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502

Contacts: InformaStudenti mobility.out@unimi.it

Student Desk booking through InformaStudenti

1st COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Animal and plant biology	12	BIO/05, BIO/03
Computer knowledge and e-skills	6	NA
English assessment B1 (3 ECTS)	3	ND
Essentials of economics	6	AGR/01
General and inorganic chemistry	6	CHIM/03
Mathematics	6	MAT/09, MAT/01
Organic chemistry	6	CHIM/06
Physics	6	FIS/07
Total compulsory credits		51
2nd COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Agricultural and forestry mechanization	6	AGR/09
Agronomy for mountain areas	12	AGR/02, AGR/13
Forestry	8	AGR/05
Fruit tree production	8	AGR/03
Geopedology	8	GEO/04, AGR/14
Principles of physiological and metabolic processes in agriculture	10	AGR/16, AGR/13
Rural buildings and land survey	8	AGR/10
Stage	6	NA
Total compulsory credits		66
3rd COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Environmental and Forest Surveying and Economics	8	AGR/01
Livestock Farming in Mountain Areas	12	AGR/19, VET/01
Plant diseases	8	AGR/11, AGR/12
Processing of agri-food products	7	AGR/15
Soil conservation in mountain watersheds	8	AGR/08
Total compulsory credits		43
Further elective courses		
Policies and legislation for mountain areas	3	IUS/09

Renewable energies in mountain areas		4	AGR/09
Wildlife management		4	AGR/19
<i>End of course requirements</i>			
Final exam		4	NA
	Total compulsory credits	4	