UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2018/19
BACHELOR
ENVIRONMENTAL SCIENCE AND POLICY - (Classe L-32)
enrolled from 2018-19 academic year

HEADING

Degree classification - Denomination and code:	L-32 Environmental sciences
Degree title:	Dottore
Curricula currently available:	Environmental Management and Sustainability / Environmental Sciences and Technologies
Length of course:	3 years
Total number of credits required to complete programme:	180
Years of course currently available:	1st
Access procedures:	Cap on student, student selection based on entrance test
Course code:	F2A

PERSONS/ROLES

Head of Study Programme
  Prof. Ficetola Francesco

Tutors - Faculty
  Lucia Baldi, Giangiacomo Beretta, Laura Piazza, Andrea Schievano

Degree Course website
  www.sepa.unimi.it

via Celoria 2 - II piano   Phone 02503 16475   lunedì, martedì, giovedì: 10.30-12.30, 14.00-16.00; mercoledì e venerdì: 14.00-16.00
  Email: sepa@unimi.it

via Celoria 26 / via Golgi 19   Phone 199188128   si veda la pagina http://www.unimi.it/studenti/segreterie/2462.htm
http://www.unimi.it/studenti/segreterie/773.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.

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
Administrative and environmental law		6	IUS/10
English language		3	L-LIN/12
Foundations of biology		9	BIO/06
Foundations of inorganic and organic chemistry		9	(5) CHIM/03, (4) CHIM/06
Fundamentals of Earth sciences		9	GEO/02
Mathematics		9	(9) MAT/09, (9) MAT/01, (9) MAT/02, (9) MAT/03, (9) MAT/04, (9) MAT/05, (9) MAT/06, (9) MAT/07, (9) MAT/08
Physics		6	(6) FIS/08, (6) FIS/07, (6) FIS/06, (6) FIS/05, (6) FIS/04, (6) FIS/03, (6) FIS/02, (6) FIS/01
Probability, statistics and computer science		9	(4) INF/01, (5) MAT/06
	Total compulsory credits	60	

2nd COURSE YEAR (available as of academic year 2019/20) Core/compulsory courses/activities common to all curricula

Learning activity		Ects	Sector
Botany		9	(9) BIO/02, (9) BIO/01
Ecology		9	BIO/07
Environmental and landscape geology		9	GEO/05
Environmental biochemistry and microbiology		6	(3) BIO/10, (3) BIO/19
Environmental economics		6	SECS-P/01
Microeconomics		9	SECS-P/01
Zoology		9	BIO/05
	Total compulsory credits	57	

3rd COURSE YEAR (available as of academic year 2020/21) Core/compulsory courses/activities common to all curricula

Learning activity		Ects	Sector
Environmental management		6	SECS-P/08
Natural resource economics		6	AGR/01
	Total compulsory credits	12	

Further elective courses common to all curricula

End of course requirements common to all curricula

Final exam		6	NA
	Total compulsory credits	6	

ACTIVE CURRICULA LIST

Environmental Management and Sustainability Course years currently available: 1°
Environmental Sciences and Technologies Course years currently available: 1°

Further elective courses Curriculum-specific features Environmental Management and Sustainability		
Administrative law of sustainable development	6	IUS/10
Agri-food policy and environmental sustainability	6	AGR/01
Climate change economics and policy	6	SECS-P/01
Economics and policy of growth and sustainable development	6	SECS-P/01
Environmental accounting and management	6	(3) SECS-P/08, (3) SECS-P/07
Environmental planning and land policy	6	ICAR/20
Environmental prevention	6	MED/50
Environmental statistics	6	MAT/06
Environmental sustainability of intensive breeding	6	AGR/10
Globalization and environmental policy	6	AGR/01
Sustainability of food production	6	AGR/15
Sustainable innovation of animal nutrition	6	AGR/18

Further elective courses Curriculum-specific features Environmental Sciences and Technologies		
Biodiversity management and conservation	6	BIO/05
Climatology	6	GEO/04
Environmental Chemistry	6	CHIM/12
Environmental Genetics	6	BIO/18
Environmental toxicology	6	BIO/14
Evolutionary biology and phylogeny	6	BIO/05
Foundations of ecotoxicology	6	BIO/07
Foundations of physics for environmental sciences	6	(6) FIS/07, (6) FIS/06
Geographical information systems	6	GEO/04
Human health and environmental risk	6	MED/04
Methods of applied ecology	6	BIO/07
Scientific communication and environmental education	6	BIO/07

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisites

Learning activity	Prescribed foundation courses	O/S
Microeconomics	Mathematics	Core/compulsory
	Probability, statistics and computer science	Core/compulsory
Botany	Foundations of biology	Core/compulsory
Environmental and landscape geology	Fundamentals of Earth sciences	Core/compulsory
	Physics	Core/compulsory
Environmental biochemistry and microbiology	Foundations of inorganic and organic chemistry	Core/compulsory
	Foundations of biology	Core/compulsory
Environmental economics	Microeconomics	Core/compulsory
Natural resource economics	Microeconomics	Core/compulsory
Probability, statistics and computer science	Mathematics	Core/compulsory
Fundamentals of Earth sciences	Mathematics	Core/compulsory
	Foundations of inorganic and organic chemistry	Core/compulsory
Physics	Mathematics	Core/compulsory
Zoology	Foundations of biology	Core/compulsory
Ecology	Foundations of biology	Core/compulsory
	Probability, statistics and computer science	Core/compulsory