UNIVERSITÀ
DEGLI STUDI
DI MILANO

Master's degree programme in

Environmental and food economics

facoltà di

SCIENZE AGRARIE E ALIMENTARI

Applications and admissions

Open, subject to entry requirements.

Admission requirements

To attend the Master programme in Environmental and Food Economics it is necessary to possess an adequate knowledge of mathematics, economics and statistics at the undergraduate level.

Applicants with an Italian three-year undergraduate degree (ex DM 270/04 or equivalent ex DM 509/99) in any of the following classes: Geografia (L-6), Ingegneria civile e ambientale (L-7), Ingegneria dell'informazione (L-8), Ingegneria industriale (L-9), Scienze biologiche (L-13), Scienze del turismo (L-15), Scienze dell'amministrazione e dell'organizzazione (L-16), Scienze dell'economia e della gestione aziendale (L-18), Scienze della pianificazione territoriale, Urbanistica paesaggistica e ambientale (L-21), Scienze e tecnologie agrarie e forestali (L-25), Scienze e tecnologie alimentari (L-26), Scienze e tecnologie chimiche (L-27), Scienze e tecnologie fisiche (L-30), Scienze e tecnologie informatiche (L-31), Scienze e tecnologie per l'ambiente e la natura (L-32), Scienze economiche (L-33), Scienze geologiche (L-34), Scienze matematiche (L-35), Scienze politiche e delle relazioni internazionali (L-36), Scienze sociali per la cooperazione, lo sviluppo e la pace (L-37), Scienze zootecniche e tecnologie delle produzioni animali (L-38), Sociologia (L-40), Statistica (L-41), Storia (L-42), Tecnologie per la conservazione e il restauro dei beni culturali (L-43).

Students from undergraduate classes other than the above listed and students with foreign degrees are admitted to the program subject to a favorable decision by the Didactic Committee or by an ad hoc committee named by it.

To attend the degree course, graduates from the three-year and master's degree classes listed above must have acquired at least 90 ects in specific scientific-disciplinary sectors in previous studies.

Students who do not fully satisfy the above prerequisites can fulfill them by attending crash courses to be held starting at the end of August (see official course's website efe.cdl.unimi.it/en).

Students with foreign qualifications are expected to meet requirements equivalent to the minimum ones for students with an Italian degree. The pre-requisites will be verified by a special committee appointed by the Didactic Committee.

In addition, all applicants must meet one of the following language requirements: 1. be English mother tongue; 2. have obtained a high-school diploma in English; 3. have obtained a Bachelor's or other first-level university degree in English. Students who do not meet any of the requirements listed in points 1, 2 and 3 must have a B2 level or higher in English, according to the Common European Framework of Reference for Languages (CEFR).

Students who meet the above requirements are invited to an interview for admission (in English language). The interview, which can be done remotely via electronic devices, is aimed at verifying the motivation of the candidates and the above-mentioned skills.

Objectives

The relationship between the environment, natural resources, and the agri-food system plays a central role in the development of modern societies. The issues of sustainable economic development, the management of natural and energy resources, and the sustainability of the agri-food system represent new economic and policy challenges. The Master's degree in Environmental and Food Economics provides the conceptual and analytical tools for participants to be able to address those challenges. In particular, advanced expertise in economics and business administration and management, quantitative methods, and specific theoretical and applied knowledge in environmental and natural resources economics and in the economics and management of the agri-food chain is provided.

The aim is to equip students with a solid understanding of the instruments to promote sustainable economic development, the management of natural resources (water, soil, energy), environmental and energy policies, management and innovation of the agri-food sector, internationalization of agri-food companies, food security issues and rural development.

Career prospects

The Master degree in Environmental and Food Economics is organized in two curricula: *Economics of Climate and Energy; Economics and Management of Sustainable Food System*. The professional profiles that characterize the two curricula can be summarized as follows.

The *Economics of climate and energy* curriculum is more oriented to the world of private and public institutions, with job opportunities in national, EU, and international institutions, public administration, Energy Authorities, FAO, OECD, European Commission, public and private research organisations, and research department of large national and multinational companies as well as the green economy.

The *Economics and Management of Sustainable Food System* curriculum is more oriented to the world of private business with job opportunities in agri-food companies (small and medium enterprises, multinationals, GDO) as well as in producer organizations and national, EU, and international institutions that carry out research in agricultural and food policies, food security, and rural development (FAO, World Bank, OECD, and European Institutions).

Degree syllabus

I year

COMPULSORY LEARNING ACTIVITIES	ECTS
I semester	
Environmental and food law	6
Management for innovation and sustainability	12
Mathematics and probability for economics	6
II semester	
Economics and politics of the agrifood sector	12
Statistics, econometrics and applications	9
Annual	
Microeconomics and environment	12

II year

(to be made available as of academic year 2026/2027)

COMPULSORY LEARNING ACTIVITIES	ECTS
II semester	
9 ects to be earned by choosing elective courses, such as: - Food Industry Design Technology and Innovation - Project management for sustainable development - Water resources sustainable economy	 6 3 3

Curriculum: Economics of Climate and Energy

COMPULSORY LEARNING ACTIVITIES	ECTS
I semester	
Applied climate economics	6
Energy economics	6
Global and climate change economics	6
II semester	
Economic modeling of the environment	6

ELECTIVE COURSE	ECTS
The student must choose one course from the following list: - Advanced causal inference and policy evaluation - Time series and forecasting - Food and environmental history	6

Curriculum: Economics and Management of Sustainable Food System

COMPULSORY LEARNING ACTIVITIES	ECTS
I semester	
Consumer behavior and sustainable food consumption	6
Economics of food global value chain	6
Life cycle assessment: theory and applications	6
II semester	
Food security and rural development	6

ELECTIVE COURSE	ECTS
The student must choose one course from the following list: - Applied climate economics - Climate change: impact and adaptation - Food and environmental history	6

Elective activities common to both curricula

- 3 ects for language skills, internship, work, workshops and other activities.
- Final exam (21 ects)

INFO

Disciplinary classification: Scienze economiche per l'ambiente e la cultura (LM-76 R)

Duration: 2 years (120 ects)

Curricula:
- Economics of Climate and Energy
- Economics and Management of Sustainable Food System

Attendance: Strongly recommended

Location:
- via Celoria, 2 - Milano

Websites:
efe.cdl.unimi.it
www.unimi.it

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For further information: www.unimi.it - Education