



**UNIVERSITA' DEGLI STUDI DI MILANO**  
**PROGRAMME DESCRIPTION - ACADEMIC YEAR 2026/27**  
**IN**  
**ENVIRONMENTAL AND FOOD ECONOMICS (Classe LM-76 R)**  
**Enrolled in a. y. 2026/2027**

### HEADING

<b>Degree classification - Denomination and code:</b>	LM-76 R
<b>Degree title:</b>	Dottore Magistrale
<b>Curricula currently available:</b>	ECONOMICS OF CLIMATE AND ENERGY / ECONOMICS AND MANAGEMENT OF SUSTAINABLE FOOD SYSTEM
<b>Length of course:</b>	2 years
<b>Credits required for admission:</b>	180
<b>Total number of credits required to complete programme:</b>	120
<b>Course years currently available:</b>	1st
<b>Access procedures:</b>	open, subject to entry requirements
<b>Course code:</b>	KBD

### PERSONS/ROLES

#### Head of Study Programme

prof. Luigi Orsi

#### Tutors - Faculty

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#### Degree Course website

<https://efe.cdl.unimi.it/en>

#### EFE Secretariat

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#### International Students Office

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<https://www.unimi.it/it/node/360>

## CHARACTERISTICS OF DEGREE PROGRAMME

### General and specific learning objectives

The degree program offers advanced skills in disciplines related to environmental economics and the agri-food sector. Its aim is to provide in-depth tools and knowledge to promote sustainable economic development, manage natural resources (water, soil, energy sources), guide policy choices in the energy, agricultural, and food sectors, foster innovation in the agri-food sector, support internationalization processes, and ensure food security.

The program spans two years and includes two curricula. The first year, common to both curricula, includes foundational courses for the program's disciplines (mathematics, statistics, econometrics, law), along with courses in the areas of business (Accounting, Environmental Management), economics (Advanced Microeconomics), and environmental and agri-food economics (Environmental Economics, Trade and Environment, Agri-Food Economics).

In the second year, courses are differentiated according to the chosen curriculum. The curriculum in Economics of Climate and Energy delves into energy markets and policies, sustainable economic growth, and the economics of climate change. The curriculum in Economics and Management of Sustainable Food System, instead, offers specialized courses on sustainable food consumption, global value chain management, food security issues, and rural development.

The program also includes 9 ECTS credits allocated to elective courses.

### Expected learning outcomes

In the spirit of harmonization of education within the European Union, graduates of this Master's program are expected to achieve the following standards according to the Dublin Descriptors:

#### A. Knowledge and understanding

Graduates will gain advanced theoretical knowledge and expertise in the following fields: Economics, Accounting and Management, Mathematics and Statistics, and Environmental and Food Law.

As to Economics, the courses offered include: Advanced microeconomics, Environmental economics, Economic modeling of the environment, Energy economics, Agri-food economics, Trade and environment. The theories and the analytical tools taught in the program will enable students to understand and apply economic principles to the complex phenomena characterizing the environment, natural resources, climate change and energy markets, as well as to the functioning of domestic and international agri-food markets and related policies.

As to Accounting and Management, the courses offered include: Accounting, Environmental management, Consumer behaviour and sustainable food consumption, Economics of Food Global Value Chain, Life Cycle Assessment: theory, and applications. The knowledge and skills acquired in this area will enable graduates to understand issues and problems of business management, with specific attention to green business and green marketing, internationalization strategies for agri-food firms, and issues related to consumer behaviour.

The courses offered in the area of Mathematics and Statistics include: Mathematics and probability for economics and Statistics, econometrics, and applications. Students are expected to learn how to carry out quantitative analyses of business and economic problems, as well as of environmental, energy and agri-food policies.

In the Law area, the main focus will be on environmental and food law. The lectures will provide the ability to understand the norms and laws that characterize the environment and agri-food sectors, as well as the legal aspects of international agreements on the environment and trade.

#### B. Applying knowledge and understanding

Graduates will be able to apply the knowledge and skills acquired in the Master's program to analyze and develop studies on the economic impacts of climate change by developing mitigation strategies; to conduct economic analysis and research on natural resources management, energy economics, and pollution control; to advise on implementing sustainable practices in various sectors; to develop and design an environmental strategy to achieve a competitive advantage grounded in environmental issues; to optimize supply chains in the food sector for efficiency and cost reduction with a sustainable approach; to conduct economic analysis and research on market trends affecting the food industry; to implement sustainable practices in food production and distribution, by analyzing economic issues related to agri-food system.

#### C. Making judgments

Graduates will have acquired, through the activities carried out during individual courses and laboratories, the full ability to formulate independent and informed judgments, develop critical skills regarding both the effects and effectiveness of economic policy decisions in the environmental, energy, and agri-food sectors, as well as the ethical implications of such actions and decisions, and the consequences and effectiveness of corporate strategies in relation to sustainability and internationalization challenges. The multidisciplinary structure of the degree program fosters the development of independent judgment and critical reasoning, offering students the opportunity to compare methodological approaches from different disciplines: economics, business, law, and quantitative methods. The evaluation of alternative solutions to business management problems and the analysis of economic policies help students develop critical assessment skills. These skills will also be assessed through open-ended questions in exams and, in some cases, through the evaluation of short essays and written reports. An important role is played by the thesis work, which requires students to critically combine theoretical

reflections and empirical verifications. Finally, students will have fully assimilated the principles of professional ethics that guide interpersonal relationships in relevant occupational contexts, and they will have acquired the fundamental principles of the scientific approach to solving economic and business-economic problems they will encounter in their professional careers.

#### D. Communication Skills

Graduates will be able to: effectively present and communicate their work (projects, reports, document analysis, studies, and research, etc.) in both national and international institutional settings, as well as within companies; argue their positions and communicate clearly and effectively in written and spoken foreign language (English); establish cooperative and collaborative relationships within work teams; present proposals and solutions to problems in relevant work contexts by employing quantitative tools; and reach a more specialized audience, for example, through the publication of research results. The ability to communicate effectively in professional settings is primarily acquired through the presentation and discussion of both practical policy issues and relevant business cases. Applying quantitative methods in economic courses develops students' ability to use information and empirical evidence to support the proposed solutions. Writing reports and short essays, as required by some courses, and preparing the thesis help enhance written communication skills. Participation in exercises, internships in companies, or, alternatively, participation in internal workshops allows students to develop interpersonal skills and competencies. Communication skills are assessed in exams as an element contributing to the overall evaluation, especially in courses where such skills are part of the learning objectives. The writing and defense of the thesis provide additional elements for assessment.

#### E. Learning skills

Graduates will be able to develop and deepen their skills through consulting specialized scientific publications, accessing databases and other online information, and analyzing information and data using mathematical, statistical, and econometric tools. The Master's degree in Environmental and Food Economics also provides the methodological skills that enhance their capacity for further learning, enabling them to independently pursue a professional path aimed at managerial roles or high-responsibility positions in various sectors of the green economy and the agri-food industry. Graduates of the EFE program develop the research autonomy needed to undertake professional activities in research institutions and study offices, or to continue their studies in second-level Master's programs or doctoral programs. Group work and presentations required by several courses in the program equip graduates with relational, organizational, and communication skills that foster teamwork and facilitate rapid integration into work environments. Master students also have the opportunity to attend other activities organized by the Department of Environmental Science and Policy, such as applied laboratories, seminars, and workshops, to ensure continuous professional development, improve their ability to understand scientific challenges, and develop new research topics.

### **Professional profile and employment opportunities**

The Master's degree in Environmental and Food Economics is organized into two curricula: i. Economics of Climate and Energy; ii. Economics and Management of Sustainable Food System. Each curriculum provides specialized knowledge and skills, enabling graduates to pursue various job functions, develop essential professional skills, and access numerous employment opportunities in their respective fields.

The professional profiles that characterize the Economics of Climate and Energy curriculum can be summarized as follows.

#### Climate Change Analyst

**Job Function:** the climate change analyst analyzes and develops studies on the economic impacts of climate change and develops mitigation strategies.

**Professional Skills:** to carry out the above-mentioned function, the following are required: the ability to analyze economic data related to environmental issues; the ability to create and evaluate environmental policies; quantitative methods using econometric and statistical tools for climate change data; interdisciplinary knowledge by combining climate change economics, environmental science, and energy policy; soft skills (e.g. relational, communicative, organizational and managerial skills).

**Employment Opportunities:** Government Agencies, with positions in environmental ministries and regulatory bodies; Local, national, and international public institutions; International Organizations (e.g., UNEP, World Bank, FAO); NGOs, with jobs focusing on climate change, environmental protection, and sustainable development; Consulting Firms, providing environmental and sustainability consulting services; research institutions, PhD.

#### Environmental Economist

**Job Function:** The environmental economist conducts economic analysis and research on resources management, energy economics, and pollution control.

**Professional Skills:** To carry out the above-mentioned function, the following are required: the ability to analyze economic data related to environmental and energy economic issues; the ability to create and evaluate environmental policies; quantitative methods using econometric and statistical tools for environmental data; interdisciplinary knowledge by combining economics, environmental science, and public policy; soft skills (e.g. relational, communicative, organizational and managerial skills).

**Employment Opportunities:** Government Agencies and Energy Authorities, with positions in environmental ministries and regulatory bodies; Local, national, and international public institutions; International Organizations (e.g. UNEP, World Bank,

OECD, European Commission); NGOs, with jobs focusing on environmental protection and sustainable development; Consulting Firms, providing environmental and sustainability consulting services; research institutions.

#### Sustainability Consultant

**Job Function:** The sustainability consultant advises on implementing sustainable practices in various sectors; she/he develops and designs an environmental strategy to achieve a competitive advantage grounded in environmental issues.

**Professional Skills:** To carry out the above-mentioned function, the ability to understand cost analysis and cost accounting is required; the ability to evaluate and interpret financial reports to determine the company's performance; the ability to conduct an environmental-based analysis of the competitive context; the ability to design a green marketing strategy, to design an environmental management system; the ability to conduct a Life Cycle Assessment; soft skills (e.g. relational, communicative, organizational and managerial skills).

**Employment Opportunities:** research departments of large national and multinational companies; firms of any size in the green economy; Government Agencies, with positions in environmental ministries and regulatory bodies; International Organizations (e.g., UNEP, World Bank, FAO); NGOs, with jobs focusing on climate change, environmental protection, and sustainable development; Consulting Firms, providing environmental and sustainability consulting services; research institutions, PhD.

The professional profiles that characterize the Economics and Management of Sustainable Food System curriculum can be summarized as follows.

#### Supply Chain Manager

**Job Function:** The Supply Chain Manager optimizes supply chains in the food sector for efficiency and cost reduction with a sustainable approach.

**Professional Skills:** To carry out the above-mentioned function, the following are required: the ability to analyze economic data related to agri-food economic issues; quantitative methods using econometric and statistical tools for agriculture and food market data; the ability to analyze and manage problems caused by economic and trade integration, to deal with internationalization issues, to assess company strategies, to study and manage national and international value chains, consumer behaviour, marketing strategies, food security issues, and rural development; interdisciplinary knowledge by combining economics, environmental science, and trade policy; soft skills (e.g. relational, communicative, organizational and managerial skills).

**Employment Opportunities:** small and medium agri-food companies; agri-food multinationals and GDO companies; producer organizations and national, EU, and international institutions that carry out research and studies in the fields of agricultural and food policies, food security, and rural development (FAO, World Bank, OECD, and the European Commission); NGOs, with jobs focusing on environmental protection, food security, and sustainable development; Consulting Firms, providing environmental and sustainability consulting services; research institutions, PhD.

#### Market Analyst

**Job Function:** The market analyst conducts economic analysis and research on market trends affecting the food industry.

**Professional Skills:** To carry out the above-mentioned function, the following are required: the ability to analyze economic data related to agri-food economic issues; quantitative methods using econometric and statistical tools for agriculture and food market data; the ability to analyze and manage problems caused by economic and trade integration, to deal with internationalization issues, to assess company strategies, to study and manage national and international value chains, consumer behaviour, marketing strategies, food security issues, and rural development; interdisciplinary knowledge by combining economics, environmental science, and trade policy; soft skills (e.g. relational, communicative, organizational and managerial skills).

**Employment Opportunities:** small, and medium agri-food companies; agri-food multinationals and GDO companies; producer organizations and national, EU, and international institutions that carry out research and studies in the fields of agricultural and food policies, food security, and rural development (FAO, World Bank, OECD, and the European Commission); NGOs, with jobs focusing on environmental protection, food security, and sustainable development; Consulting Firms, providing environmental and sustainability consulting services; research institutions, PhD.

#### Sustainability Coordinator

**Job Function:** The sustainability coordinator implements sustainable practices in food production and distribution, by analyzing economic issues related to agri-food system.

**Professional Skills:** To carry out the above-mentioned function, the following are required: the ability to analyze economic data related to agri-food economic issues; quantitative methods using econometric and statistical tools for agriculture and food market data; the ability to analyze and manage problems caused by economic and trade integration, to deal with internationalization issues, to assess company strategies, to study and manage national and international value chains, consumer behaviour, marketing strategies, food security issues, and rural development; interdisciplinary knowledge by combining economics, environmental science, and trade policy; soft skills (e.g. relational, communicative, organizational and managerial skills).

**Employment Opportunities:** small, and medium agri-food companies; agri-food multinationals and GDO companies; producer organizations and national, EU, and international institutions that carry out research and studies in the fields of agricultural and food policies, food security, and rural development (FAO, World Bank, OECD, and the European

Commission); NGOs, with jobs focusing on environmental protection, food security, and sustainable development; Consulting Firms, providing environmental and sustainability consulting services; research institutions, PhD.

### **Pre-requisites for admission**

The Master's program can be attended by students with an Italian three-year undergraduate degree (ex. DM 270/04 or equivalent ex. DM 509/99) in any one 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 who have obtained an undergraduate degree in fields other than those listed above, as well as students with foreign degrees, may be admitted to the program subject to a favorable decision by the Didactic Committee or an ad hoc committee appointed by it.

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

- a. FIS/01-FIS/07, MAT/01-MAT/09, SECS-S/01-SECS-S/05, SECS-S/06 (mathematics, physics, and statistics)
- b. AGR/01, ING-IND/35, SECS-P/01-SECS-P/06, SECS-P/07-SECS-P/11, SECS-P/12 (business administration, economics, and management)
- c. AGR/02-AGR/20, BIO/01-BIO/19, CHIM/01-CHIM/12, GEO/01-GEO/12 (agricultural, biological, chemical, and geological sciences)
- d. ICAR/01-ICAR/22, ING-IND/09, ING-IND/22-ING-IND/30, ING-IND/34 (architecture and engineering)
- e. INF/01, ING-INF/05, ING-INF/06 (computer science)
- f. IUS/01-IUS/10, IUS/12-IUS/14, IUS/21 (law)
- g. SPS/01-SPS/14 (social sciences)

There are minimum requirements to be admitted to the program:

- at least 6 ECTS credits in the area of mathematics and statistics (MAT/01 - MAT/09, SECS-S/06);
- at least 6 ECTS credits in the area of economics and agricultural economics (AGR/01, SECS-P/01 - SECS-P/06, ING-IND/35);
- at least 6 ECTS credits in the area of management (AGR/01, SECS-P/07 - SECS-P/11, ING-IND/35);

Students who do not comply with the above prerequisites can fulfill them by attending crash courses in the above areas to be held starting at the end of August (see the official course's website <https://efe.cdl.unimi.it/en>). Note: crash courses are only for admitted students and are not compulsory.

For an idea of the required level of preparation, applicants may consult the following textbooks:

Economics: Varian H., *Intermediate Microeconomics. A Modern Approach*, 9th edition, Norton, 2019. Chapters: 1-6, 14-16, 19-25.

Quantitative methods: Haeusserl E. F., R. S. Paul, R. J. Wood, *Introductory Mathematical Analysis for Business, Economics, and the Life and Social Sciences*, 13th edition, Pearson Prentice Hall, Upper Saddle River, 2010. Chapters: 0-6, 10-14.

Students with foreign qualifications are expected to meet requirements equivalent to the minimum ones required from students with an Italian degree. Fulfillment of these prerequisites will be verified by a special committee appointed by the

Didactic Committee.

In addition, applicants must meet one of the following 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). For an overview of CEFR levels, please see: <https://www.unimi.it/en/study/language-proficiency/placement-tests-entry-tests-and-english-courses>. The certification must be uploaded when submitting the online application.

When English level is achieved during a University of Milan degree program and certified by the University Language Centre (SLAM) no more than four years before the admission application date, the process is automatic; the applicant does not have to attach any certificates to the application.

Students meeting the above requirements will be invited to an online interview (conducted in English). The interview is designed to assess their background, knowledge, competencies, and skills in the core areas of the EFE program.

- Practical instructions:

Applicants must apply for admission to the EFE program from January 22nd to October 30th, 2026.

Non-EU candidates applying for a visa must apply from 22nd January to 30th April 2026

Applicants, both foreign and Italian, must either already hold a bachelor's degree or expect to obtain one by December 31, 2026.

Further detailed information concerning the EFE program are available at <https://efe.cdl.unimi.it/en>.

For any other information, please contact InformaStudenti <https://www.unimi.it/en/study/student-services/welcome-desk-informastudenti>

### **Programme structure**

The Master's degree program in Environmental and Food Economics is organized into two curricula: (i) Economics of Climate and Energy; (ii) Economics and Management of Sustainable Food Systems.

The Master's degree requires the final acquisition of 120 educational credits (ECTS or CFU - crediti formativi) organized as follows over the two-year program:

First year: Six compulsory learning activities, common to all students, totalling 57 credits/ECTS.

Second year: Four compulsory curriculum-specific learning activities (24 credits/ECTS) and one curriculum-specific elective course (6 ECTS) selected from a small group of elective courses.

Additionally, during the second year, students must complete:

9 credits/ECTS from elective activities, freely chosen from any course offered by the University of Milan.

3 credits/ECTS from one of the following options: advanced computing, language skills (French, German, Spanish, or Italian for foreign students), or an internship.

21 credits/ECTS for the final exam

The program includes different activities: frontal lessons, practical classes, and an internship leading to the final public dissertation.

The master's degree requires the acquisition of 120 educational credits (CFU, crediti formativi). One ECTS/CFU corresponds to a standard student workload of 25 hours, and it is calculated as follows:

- Frontal lectures: 8 hours of lecture and 17 hours of personal elaboration

- Practical classes: 16 hours of laboratory activity and 9 hours of personal elaboration

- Internships: 25 hours of training activity

Teaching organization:

Teaching takes place mainly in the form of courses, which usually consist of face-to-face lectures, as well as class discussions and presentations. Other teaching activities include occasional lectures, seminars and workshops.

Course organization:

Some courses focus on a single subject, while others are multidisciplinary. Multidisciplinary courses are divided into teaching units assigned to different teachers. The different teaching units can follow one another or take place over the same period of time.

Study plan definition and submission for approval:

Students have to submit their study plans in the first year of course: consult the website: <https://www.unimi.it/en/study/bachelor-and-master-study/following-your-programme-study/plan-study>.

After the approval of the study plan, the student can take further additional exams.

In study plan, it's also possible include training activities in soft skills. These activities have a limited number of places available, and attendance is compulsory. For further information see the page:

<https://efe.cdl.unimi.it/en/courses/soft-skills>

and

<https://www.unimi.it/en/study/bachelor-and-master-study/following-your-programme-study/soft-skills>

#### Academic calendar:

Teaching activities are divided into two terms.

The first term starts on September 21, 2026 and ends on January 15, 2027, with a suspension period for exam sessions and interim assessments from November 9, 2026 to November 13, 2026.

The second term starts on February 22, 2027 and ends on June 11, 2027, with a suspension period from May 3, 2027 to May 7, 2027.

Some courses shared with other degree programs may follow a different calendar.

See also the University websites: <https://www.unimi.it/en/education/faculties-and-schools/agricultural-and-food-sciences/study-faculty-agricultural-and-food-sciences>

#### Course timetable:

The timetable, including the rooms where each course takes place, can be consulted on the University website:

[https://easystaff.divisi.unimi.it/PortaleStudenti/?view=home&include=homepage&\\_lang=en](https://easystaff.divisi.unimi.it/PortaleStudenti/?view=home&include=homepage&_lang=en)

#### Exams:

Each course has at least six ordinary exam sessions per year. Additional sessions may be scheduled for attending students and for graduating students. For attending students, interim exams may also be scheduled during the course. The list of the exam sessions can be consulted on the University website: <https://www.unimi.it/it/studiare/frequentare-un-corso-di-laurea/seguire-il-percorso-di-studi/esami/calendario-degli-appelli>.

The end-of-course exam may consist of a written test, an oral test or a combination of the two. Alternatively, students may be required to give class presentations and/or prepare short essays. The final mark can also consider attendance and active participation in discussions and other activities carried out in class.

#### Tutoring:

Tutors will provide students with academic advice, guidance for course choice and personal advice. Students can contact the tutors at their standard institutional email addresses.

#### Double Degree Programme:

The University of Milan, in collaboration with the Universities of Copenhagen, Heidelberg, Prague, and Warsaw, offers an international study programme: the two-year Master's programme in European Environmental Economics and Policy (M3EP). The M3EP programme prepares students to address one of the most complex and demanding policy areas for the EU and its member states in the 21st century: the green transition. As part of this programme, ten students per year will attend the Copenhagen-Milan mobility track and obtain a Double Degree (DD): the Laurea Magistrale in Environmental and Food Economics (awarded by the University of Milan) and the Master in Environmental and Natural Resource Economics (awarded by the University of Copenhagen).

The Copenhagen-Milan mobility track is structured by semesters and includes a clearly defined set of teaching activities aimed at achieving the learning objectives of both degree courses. Teaching activities will take place during the first and second semesters at the University of Copenhagen, and during the third and fourth semesters at the University of Milan. The fourth semester will also be dedicated to the preparation of the Master's thesis and final exam at the University of Milan.

Organization of teaching activities during the first and second years:

#### FIRST YEAR, FIRST SEMESTER (at the University of Copenhagen):

- Introduction to European Environmental Economics and Policy (8 CFU, GIUR-09/A); Analysing Public Policy (7 CFU, GSPS-02/A); Applied Economics of Forest and Nature (8 CFU, AGRI-01/A); Natural Resource Economics (7 CFU, ECON-07/A).

#### FIRST YEAR, SECOND SEMESTER (at the University of Copenhagen):

- One elective course chosen from the following list: Economic Valuation Methods and Cost-Benefit Analysis (8 CFU, ECON-07/A), Business Development and Innovation (8 CFU, ECON-07/A), Introduction to Data Science (8 CFU, ECON-07/A), Project Management (8 CFU, ECON-07/A);
- One elective course chosen from the following list: Incentives and Regulation (7 CFU, ECON-01/A), Data Processing in Environmental Science and Agriculture (7 CFU, AGRI-04/C), Geographical Information Systems (GIS) (7 CFU, AGRI-04/C), People, Nature and Recreation (7 CFU, ECON-06/A); Applied Environmental and Natural Resource Economics (8 CFU, STAT-04/A); European Environmental Economics and Policy in Practice (7 CFU, GSPS-02/A).

#### SECOND YEAR, FIRST SEMESTER (at the University of Milan):

- Applied Climate Economics (6 CFU, AGRI-01/A); Global and Climate Change Economics (6 CFU, ECON-01/A);
- Climate Change and Energy Economics Reading Group (3 CFU, ECON-01/A); Thesis Preparatory Traineeship (3 CFU) or Advanced Language Skills - Italian or French or German or Spanish (3 CFU);
- Two elective courses chosen from Energy Economics (6 CFU, ECON-01/A), Advanced Causal Inference and Policy Evaluation (6 CFU, ECON-01/A), Time Series and Forecasting (6 CFU, ECON-05/A), Management for Innovation and Sustainability: Accounting or Environmental Management (6 CFU, ECON-07/A), Consumer Behaviour and Sustainable Food Consumption (6 CFU, AGRI-01/A), Economics of Food Global Value Chain (6 CFU, AGRI-01/A), Economics and Politics of the Agrifood Sector: Agrifood economics or Trade and Environment (6 CFU, AGRI-01/A), Environmental and

Food Law (6 CFU, GIUR-09/A), Food and Environmental History (6 CFU, STEC-01/B), Statistics, Econometrics and Applications (6 CFU, ECON-05/A).

SECOND YEAR, SECOND SEMESTER (at the University of Milan):

- Economic Modeling of the Environment (6 CFU, ECON-01/A);
- Joint Thesis and Employment Workshop (3 CFU);
- Final exam (21 CFU).

For admission requirements and application see the M3EP website: <https://4euplus.eu/4EU-984.html>

### **Campus**

Lecture rooms are located in the “Città Studi” campus, mostly in the Agricultural and Food Sciences Faculty, Via Celoria 2 - 20133 Milan (<https://www.unimi.it/en/education/faculties-and-schools/agricultural-and-food-sciences>)

### **Language test / computer literacy test**

To achieve the 3 credits for the assessment of a second European language, students may choose from French, Spanish, German and, for those not in possession of an Italian qualification (Bachelor’s degree or high school diploma), Italian language for foreigners (A2 level). Such level may be certified, by the end of the course of study, in one of the following methods: • By sending a language certificate obtained no more than 3 years prior to the date of its submission, of the required level or higher (please find the list of the certificates acknowledged by the University of Milan at the following pages: ITALIAN <https://www.unimi.it/en/study/language-proficiency/italian-language-foreigners-tests-and-courses> OTHER LANGUAGES <https://www.unimi.it/en/study/language-proficiency/other-foreign-languages-tests-and-courses> ). The certificates have to be submitted to the SLAM University Language Centre through the dedicated platform <http://studente.unimi.it/uploadCertificazioniLingue>; • By sitting a placement test issued by SLAM. Those who do not meet the required level will be enrolled in one or more mandatory courses of the chosen language, based on the level certified by the test. Those who do not take the entry-level test or fail to pass the end-of-course test after six attempts will have to obtain Language certification privately in order to earn the 3 credits of Additional language skills. As an alternative, they can modify their course programme by choosing a different elective. See the educational plan: <https://efe.cdl.unimi.it/en/courses/educational-plan>

### **Compulsory attendance**

Attendance is not compulsory but highly recommended

### **Internship criteria**

EFE students can obtain 3 credits for further activities through curricular internship of at least 75 hours. Only internships activated through COSP—University Study and Career Guidance Service—will be accepted. The procedures to activate an internship are illustrated at the following links:

- for internships in Italy: <https://www.unimi.it/en/study/traineeships-and-work/traineeships-and-internships/activating-curricular-internship>;
- for internships abroad: <https://www.unimi.it/en/international/study-abroad/traineeships-abroad/activating-internship-abroad>;

Internship is not compulsory.

As an alternative to curricular internship, students can obtain 3 credits in the following ways:

- by carrying out work activities that are consistent with the learning objectives of the program (usually linked to the thesis);
- by acquiring advanced computer or language skills;
- by attending conferences, seminars, seasonal schools or workshops.

For more information on how to obtain the 3 credits for further activities, EFE students can contact the dedicated tutor.

### **Degree programme final exam**

To be admitted to the final exam, students must have earned 99 ECTS credits.

The Master's degree in Environmental and Food Economics is completed by a final exam worth 21 ECTS.

The final exam consists of the preparation and public discussion of an original thesis developed by the student under the guidance of a thesis supervisor. This thesis must be drawn up and discussed in English.

## **EXPERIENCE OF STUDY ABROAD AS PART OF THE DEGREE 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 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 organisations.

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

The University of Milan is a member of the 4EU+ European University Alliance that brings together eight public

multidisciplinary universities: University of Milan, Charles University of Prague, Heidelberg University, Paris-Panthéon-Assas University, Sorbonne University of Paris, University of Copenhagen, University of Geneva, and University of Warsaw. The 4EU+ Alliance offers integrated educational pathways and programmes to promote the international mobility of students (physical, blended and virtual).

### **Study and internships abroad**

The degree in Environmental and Food Economics offers the opportunity to study at several European universities, where students will be able to attend lectures and obtain credits for their degree. Our partners are selected among the most prestigious academic institutions: France (Rennes), Finland (University of Helsinki), Germany (University of Gottingen, Justus-Liebig-Universität - Giessen, Martin-Luther-Universität Halle-Wittenberg, Rheinische Friedrich-Wilhelms-Universität Bonn, Ruprecht-Karls-Universität Heidelberg), Greece (University of Athens), Netherlands (Wageningen University), Poland (University of Warsaw, Warsaw University of Life Sciences- SGGW), Spain (University of Madrid-Politecnica, Universidad de Castilla - La Mancha - Ciudad Real, Universitat Rovira i Virgili -Tarragona), Switzerland (University of Geneva), Norway (University of Agder - Kristiansand), Croatia (Josip Juraj Strossmayer University of Osijek), Denmark (Kobenhavns Universitet).

Erasmus+ also provides Placements, that is, the opportunity for a traineeship in companies and other organisations abroad. The new Erasmus+ program provides the following new study and placement opportunities: a) 12 months abroad (study periods and placements); b) placements, including for new graduates (within 12 months of completing a degree). Students who have already studied or had a placement abroad may apply to Erasmus+, nevertheless remembering that the possible total of 12 months for each Erasmus+ study cycle includes the months previously spent abroad.

### **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 for Erasmus+ mobility for study generally begins around February each year with the publication of a call for applications specifying destinations and requirements. Regarding the Erasmus+ Mobility for Traineeship, the University of Milan usually publishes two calls a year enabling students to choose a destination defined by an inter-institutional agreement or to find a traineeship position on their own.

The University organises informative meetings to illustrate mobility opportunities and rules for participation.

Erasmus+ scholarship

The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which may be 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 Language Centre (SLAM).

<https://www.unimi.it/en/node/8/>

Learn more at <https://www.unimi.it/en/node/274/>

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502

Contacts: InformaStudenti;

Student Desk booking through InformaStudenti

## **ADMISSION CRITERIA: 1ST YEAR OPEN, SUBJECT TO ENTRY REQUIREMENTS**

### **Application and enrolment information and procedures**

Applications will be accepted from 22nd January to 30th October 2026.

Non-EU candidates applying for a visa must apply from 22nd January to 30th April 2026.

Admitted and already graduated students must enrol no later than 15 January 2027.

<https://www.unimi.it/en/study/enrolment>

Applicants, both foreign and Italian, must either already hold a bachelor's degree or expect to obtain one by December 31, 2026.

Applications are evaluated by an Admission Board appointed by the Academic Board of the Master's degree programme. The Admission Board evaluates the academic curriculum of the applicants and invites them to attend an online interview. The interview is designed to assess whether applicants have the background, knowledge, competencies, and skills in the core areas of the EFE program necessary for successfully completing the course. The interview schedule and the instructions for participating will be communicated to the applicant in due time. Interviews will be scheduled between February 2026 and September 2026.

Admitted and already graduated students must enrol no later than 15 January 2027.

### Links to enrolment information and procedures

<https://www.unimi.it/en/study/enrolment>

### N° of places reserved to non-EU students resident abroad

30

## ADMISSION CRITERIA: 2°YEAR OPEN

<b>1st COURSE YEAR Core/compulsory courses/activities common to all curricula</b>				
Scheduling	Learning activity	Module/teaching unit	Ects	Sector
year	Microeconomics and environment (Total number of ects:12)	Advanced microeconomics (first semester)	6	ECON-01/A
		Environmental economics (second semester)	6	ECON-01/A
1 semester	Environmental and food law		6	GIUR-06/A
1 semester	Management for innovation and sustainability (Total number of ects:12)	Accounting	6	ECON-07/A
		Environmental management	6	ECON-07/A
1 semester	Mathematics and probability for economics		6	STAT-04/A
2 semester	Economics and politics of the agrifood sector (Total number of ects:12)	Agrifood economics	6	AGRI-01/A
		Trade and environment	6	AGRI-01/A
2 semester	Statistics, econometrics and applications		9	ECON-05/A
		Total number of compulsory credits/ects	57	
<b>2nd COURSE YEAR (available as of academic year 2027/28) Elective courses common to all curricula</b>				
<b>Student must earn 9 credits/ects for elective activities, from all courses offered by the University of Milan.</b>				
<b>Student can employ part or all of the 9 credits attending one or more of the following courses. See also the paragraph "Program structure - Study plan definition and submission for approval".</b>				
1 semester	Climate Change and Energy Economics Reading Group		3	ECON-01/A
2 semester	Food industry design technology and innovation		6	AGRI-07/A
2 semester	Project management for sustainable development		3	ECON-07/A
2 semester	Water resources sustainable economy		3	CEAR-01/B
<b>Student must earn 3 credits/ects from advanced computer or language skills, internships, work, workshops and other activities.</b>				
<b>Student must choose one of the following course:</b>				
	Additional Language Skills: Italian (3 ECTS) <i>Strongly recommended for foreing students who do not hold an Italian qualification (Bachelor's degree or high school diploma). See also the section: Language test / computer literacy test.</i>		3	NN
	Advanced Language Skills: French (3 ECTS) <i>See also the section: Language test / computer literacy test.</i>		3	NN
	Advanced Language Skills: German (3 ECTS) <i>See also the section: Language test / computer literacy test.</i>		3	NN
	Advanced Language Skills: Spanish (3 ECTS) <i>See also the section: Language test / computer literacy test.</i>		3	NN
	Internship <i>See also the section: Internship criteria</i>		3	NN
2 semester	Basic Phyton / R Course <i>See also the section: Internship criteria</i>		3	NN
<b>End of course requirements common to all curricula</b>				
	Final exam		21	NN
		Total number of compulsory credits/ects	21	

## LIST OF CURRENTLY AVAILABLE CURRICULA

ECONOMICS OF CLIMATE AND ENERGY Course years currently available: 1st

ECONOMICS AND MANAGEMENT OF SUSTAINABLE FOOD SYSTEM Course years currently available: 1st

### Procedure for the selection of a curriculum

In the first year of the EFE Master program, students have to select one of the following two curricula:

Curriculum A - Economics of Climate and Energy

**CURRICULUM: [KBD-A] ECONOMICS OF CLIMATE AND ENERGY****Core learning objectives for the course**

The curriculum Economics of Climate and Energy aims to equip students with a solid understanding of the instruments used to promote sustainable economic development, the management of natural resources (water, soil, energy), and environmental and energy policies.

**Expected learning outcomes**

The curriculum Economics of Climate and Energy aims to provide professional training focused on sustainable economic development, energy markets and policies, and economic impact assessment of climate change

**Professional profile and employment opportunities**

The Economics of Climate and Energy curriculum is more oriented to the world of private and public institutions, the green economy, and consulting activities with job opportunities in national, EU, and international institutions (FAO, OECD, European Commission), public administration, Energy Authorities, energy companies, and the research department of large national and multinational companies. Professional profiles:

- Climate Change Analyst
- Environmental Economist
- Sustainability Consultant

**2nd COURSE YEAR (available as of academic year 2027/28) Core/compulsory courses/activities  
Curriculum-specific features ECONOMICS OF CLIMATE AND ENERGY**

Scheduling	Learning activity	Module/teaching unit	Ects	Sector
1 semester	Applied climate economics		6	AGRI-01/A
1 semester	Energy economics		6	ECON-01/A
1 semester	Global and climate change economics		6	ECON-01/A
2 semester	Economic modeling of the environment		6	ECON-01/A
			Total number of compulsory credits/ects	24

**Elective courses Curriculum-specific elective courses for ECONOMICS OF CLIMATE AND ENERGY**
**Choose one course from the list below:**

1 semester	Advanced causal inference and policy evaluation		6	ECON-01/A
1 semester	Time series and forecasting		6	ECON-05/A
2 semester	Food and environmental history		6	STEC-01/B

**CURRICULUM: [KBD-B] ECONOMICS AND MANAGEMENT OF SUSTAINABLE FOOD SYSTEM****Core learning objectives for the course**

The curriculum Economics and Management of Sustainable Food System aims to equip students with a solid understanding of the instruments used to promote management and innovation in the agri-food sector, internationalization of agri-food companies, food security issues, and rural development.

**Expected learning outcomes**

The curriculum Economics and Management of Sustainable Food System aims to provide professional training focused on the management of national and international value chains, consumer behaviour and marketing strategies, food security issues, and rural development.

**Professional profile and employment opportunities**

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, and global retailers), producer organizations, and national, EU, and international institutions that carry out research in agriculture and climate change, and food security policies (e.g. FAO, World Bank, IFPRI). Professional profiles:

- Supply Chain Manager
- Market Analyst
- Sustainability Coordinator

**2nd COURSE YEAR (available as of academic year 2027/28) Core/compulsory courses/activities  
Curriculum-specific features ECONOMICS AND MANAGEMENT OF SUSTAINABLE FOOD SYSTEM**

Scheduling	Learning activity	Module/teaching unit	Ects	Sector
1 semester	Consumer behaviour and sustainable food consumption		6	AGRI-01/A
1 semester	Economics of food global value chain		6	AGRI-01/A
1 semester	Life cycle assessment: theory and applications		6	AGRI-04/B
2 semester	Food security and rural development		6	AGRI-01/A
			Total number of compulsory credits/ects	24

**Elective courses Curriculum-specific elective courses for ECONOMICS AND MANAGEMENT OF SUSTAINABLE FOOD SYSTEM**

**Choose one course from the list below:**

1 semester	Applied climate economics		6	AGRI-01/A
1 semester	Climate change: impact and adaptation		6	(2) PHYS-05/B, (4) AGRI-02/A
2 semester	Food and environmental history		6	STEC-01/B

**COURSE PROGRESSION REQUIREMENTS**

## SUGGESTED PRE-REQUISITES:

"Mathematics and probability for economics" is preparatory to "Statistics, econometrics and applications";

Curriculum "Economics of Climate and Energy ":

"Statistics, Econometrics and applications" is preparatory to all the second-year courses.

Curriculum "Economics and Management of Sustainable Food System":

"Statistics, Econometrics and Applications" and "Economics and Policy of the Agrifood system (Mod. Trade and environment)" are preparatory to "Economics of Food Global Value Chain."