



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2025/26
MASTER DEGREE
CULTURAL HERITAGE CONSERVATION SCIENCES (Classe LM-11 R)
Enrolled in academic year 2025-26

HEADING

Degree classification - Denomination and code:	LM-11 R
Degree title:	Dottore Magistrale
Length of course:	2 years
Credits required for admission:	180
Total number of credits required to complete programme:	120
Years of course currently available:	1st
Access procedures:	Open, subject to entry requirements
Course code:	FBE

PERSONS/ROLES

Head of Study Programme

Prof. Marco Merlini

Degree Course Coordinator

Prof. Marco Merlini

Tutors - Faculty

Tutor per l'orientamento - prof. Mattia Marini, prof. Giulio Borghini, prof.ssa Flavia Groppi

Tutor per la mobilità internazionale e l'Erasmus - prof.ssa Nicoletta Marinoni

Tutor per i piani di studio:

prof.ssa Silvia Bruni - percorso per Esperti di diagnostica e tecnologia applicata ai beni culturali storico-artistici

prof. Andrea Zerboni - percorso per Esperti di diagnostica e tecnologia applicata ai beni culturali archeologici

dott. Leonardo Gariboldi - percorso per Esperti di conservazione applicata ai beni culturali museali

prof. Alessandro Rizzi - percorso per Esperti di diagnostica e tecnologia applicata ai supporti dell'informazione

Tutor per stage e tirocini - prof.ssa Elisabetta Onelli

Tutor per laboratori e altre attività - prof.ssa Elisabetta Onelli

Tutor per tesi di Laurea - prof.ssa Elisabetta Onelli

Tutor per trasferimenti - prof. Marco Merlini

Tutor per ammissioni Lauree Magistrali - prof. Luca Trombino

Tutor per riconoscimento crediti - prof. Marco Merlini

Degree Course website

<https://conservazionebeniculturali-lm.cdl.unimi.it/it>

Contact person for Disability Prof. Maria Rose Petrizzo

Via Mangiagalli 34 Milano Per appuntamento scrivere email Email: mrose.petrizzo@unimi.it

Library contact person Dr. Fabio Bottazzi

Via Mangiagalli 34 Milano Per appuntamento scrivere email <https://www.sba.unimi.it/Biblioteche/sterra/3343.html>

Email: fabio.bottazzi@unimi.it

Student Secretariat via Celoria, 18 Milan

Via Celoria 18 Milano Phone 0250325032 Per appuntamento scrivere attraverso informastudenti <https://informastudenti.unimi.it>

<https://www.unimi.it/it/node/360> <https://www.unimi.it/it/node/359>

Teaching Office

Via Boticelli 23 Milano Per appuntamento scrivere attraverso informastudenti <https://informastudenti.unimi.it>

CHARACTERISTICS OF DEGREE PROGRAMME

Initial knowledge required

Admission requirements:

Bachelor's graduates in Diagnostics for the conservation of cultural heritage (class L-43) can access the Master's degree programme in Science and technology for the diagnosis and preservation of cultural heritage. Graduates from other eligible programmes, both in Italy and abroad, can also be admitted, if they meet skills requirements.

Admission assessment

All candidates will be assessed through an interview with a board made up of faculty members appointed by the Academic Board, with a view to identifying any shortcomings in their educational background. The interview may also take place before graduating from the Bachelor's programme. However, for the purpose of enrolment, the candidate must obtain their degree by 31 December 2024.

Curricular requirements

Access to the Master's degree programme requires solid foundations in mathematics, physics, chemistry, biology, earth sciences, agricultural disciplines, and a total of at least 60 CFU across the following areas: AGR, BIO, CHIM, FIS, GEO, ICAR, INF, ING-INF, IUS, L-ANT, MAT, SECS, of which at least 6 CFU in three out of five of the following areas: BIO, CHIM, FIS, GEO, INF.

Application for admission:

The application for admission is mandatory and must be submitted electronically from 22 January to 25 August 2026 (learn more at <https://www.unimi.it/en/study/bachelor-and-master-study/degree-programme-enrolment>). Graduates and upcoming graduates who will obtain their degree by 31 December 2025 may submit the application for admission.

Only graduates who have passed the assessment test may enrol.

Milan University students who have submitted an application for admission, and who during their Bachelor's degree programme have earned credits in excess of the 180 requirement, through courses and/or laboratories offered by the Master's degree programme, may apply for transfer credits for the purposes of achieving the required 120 credits.

Candidates from another university graduating after the interview are required to update the documents submitted to the Student Registrar as soon as they obtain their degree.

Candidates who fail the interview, whether graduates or upcoming graduates, may not enrol on the Master's degree programme for the current year.

For academic year 2024/2025, interviews have been scheduled on 20 September 2024, with place and time details to be posted on the home page of the degree programme website (<https://conservazionebeniculturali-lm.cdl.unimi.it/it>)

Candidates are required to show up with a valid ID on the specified date and time. Students from other universities must also hand in a photocopy of their ID (for in-person interviews).

Internship criteria

Training is completed by:

- (1) An educational internship to be completed on campus or at companies or research laboratories in Italy or abroad. For the purposes of choosing their internship, students must contact the Internship Committee for the degree programme, which will submit the proposed internship to the Academic Board for approval. This internship will award 12 credits;
- (2) An internship that preferably includes experimental activities to be completed on campus or at companies or research laboratories in Italy or abroad. This activity must consist of original research assigned to the student by their thesis supervisor on a topic related to the conservation and diagnostics of cultural heritage, to be chosen from among the tracks offered by the programme.

Degree programme final exams

Upcoming graduates must pass a final exam by defending their degree thesis. This consists of the analysis and discussion of internship findings and must prove the student's ability to independently design, analyse and diagnose cultural heritage conservation issues. The final exam will award 33 CFU.

Upcoming graduates must:

- a) have earned 87 CFU, including 3 CFU for English language proficiency and 12 CFU for the internship;
- b) have completed their internship and written the final paper.

<https://www.unimi.it/en/study/bachelor-and-master-study/graduation>

Campus

Lessons and exercises/laboratories take place in the Città Studi classrooms.

Laboratories

Teaching laboratories take place both in departmental structures, equipped with technical-scientific instruments and collections, and on-field, using customised logistics solutions.

Activities in equipped laboratories take place in the following Departments: Department of Earth Sciences, Department of Chemistry, Department of Food, Environmental and Nutritional Sciences (Faculty of Agricultural and Food Sciences), Department of Physics, Department of Computer Science.

Notes

Italian proficiency at a B1 level or higher per the Common European Framework of Reference for Languages (CEFR) is a requisite for admission.

This level is assessed by the University Language Centre (SLAM) during the admissions process in any of the following ways:

- An Italian language certificate attesting to a B1 level or higher issued no more than three years before the date of submission. You will find the list of language certificates recognized by the University at: <https://www.unimi.it/en/node/349>. The certificate must be uploaded during the application process;

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

- Entry test administrated by the University Language Centre (SLAM) according to the calendar published on the website: <https://www.unimi.it/en/node/349>. Those who fail to submit a valid certificate or do not meet the required proficiency level will be instructed during the admission procedure to take the entry test.

If the applicant does not take or does not pass the entry test, he or she must obtain, by private means, Italian language certification recognized by the University (list of recognized certifications at: <https://www.unimi.it/en/node/349>) and submit it to the SLAM via the InformaStudenti service no later than the deadline set by the degree course (<https://www.unimi.it/en/node/46371>). If the Italian language requisite has not been satisfied by said deadline, the applicant will not be admitted to the Master's programme and will not be able to sit for any further tests.

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 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

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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

1st COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
English proficiency B2 (3 ECTS)	3	ND
Total compulsory credits	3	
2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities common		
Learning activity	Ects	Sector
	12	NA
	33	NA
Total compulsory credits	45	
Further elective courses		
18 credits chosen from the following qualifying exams (Conservation Sciences and Technologies area).		
N.B. The teaching of advanced physical techniques applied to cultural heritage, laboratory can only be chosen by students who have already acquired at least 12 credits in courses in the FIS/07 and/or FIS/03 sector between the three-year and master's degrees.		
Analytical Methodologies for the Environmental Degradation of Assets <i>Teaching provided in alternate years, not active in the academic year 2025-26</i>	6	CHIM/01
Calorimetry and Thermal Analysis, Laboratory	6	CHIM/02
Conservation and enhancement of scientific instrumentation <i>Teaching provided in alternate years, active in the academic year 2025-26</i>	6	FIS/07
Dating and Monitoring of Cultural Heritage	6	FIS/07
Physical Techniques Applied to Cultural Heritage, Laboratory	6	FIS/07
Characterizing Formation Activities - Earth and Natural Sciences (18 CFU)		
Advanced Mineralogical Analysis Applied to Cultural Heritage, Laboratory	6	(3) GEO/06, (3) GEO/07
Applied Geology for the Safeguarding of Archaeological and Architectural Heritage <i>Teaching provided in alternate years, active in the academic year 2025-26</i>	6	GEO/05
Archaeobotany <i>Teaching provided in alternate years, active in the academic year 2025-26</i>	6	BIO/02
Geophysics Applied to Cultural Heritage <i>Teaching provided in alternate years, not active in the academic year 2025-26</i>	6	GEO/11
Laboratory of Geochemistry Applied to Cultural Heritage	6	GEO/08
Sedimentology Applied to Cultural Heritage <i>Teaching provided in alternate years, not active in the academic year 2025-26</i>	6	GEO/02
Vertebrate Paleontology and Paleontology for Paleontological Museography	6	GEO/01
Characterizing Formation Activities - Interdisciplinary Formation (12 CFU)		
<i>Teaching provided in alternate years, not active in the academic year 2025-26</i>	6	INF/01
Assessment and Management of Risk Caused by Fungi and Insects at Cultural Heritage, Laboratory	6	(3) AGR/11, (3) AGR/12
Colorimetry and Heat Management for Cultural Heritage	6	ING-INF/05
Methodology of Archaeological and Archaeometric Research	6	L-ANT/10
Molecular Biotechnology for Cultural Heritage, Laboratory	6	AGR/16
12 credits to be acquired chosen from the following related and supplementary courses		
Advanced Diagnostics Applied to Archaeological Sites	6	GEO/04

<i>Teaching provided in alternate years, not active in the academic year 2025-26</i>		
Analysis and Diagnostics of Architectural Cultural Heritage <i>Teaching provided in alternate years, not active in the academic year 2025-26</i>	6	ICAR/20
Gemmologia	6	(3) GEO/06, (3) GEO/09
Geomatics Applied to Cultural Heritage <i>Teaching provided in alternate years, active in the academic year 2025-26</i>	6	ICAR/06
History of Technology	6	FIS/08
Microclimatology for Cultural Heritage	6	GEO/12
Polymer Testing and Analysis	6	CHIM/04
X-Ray Methodologies for Cultural Heritage	6	FIS/07
Other Formation Activities, freely selected by students among courses held by University of Milan (12 CFU)		

COURSE PROGRESSION REQUIREMENTS

The program of each course indicates the preliminary knowledge necessary to adequately deal with the contents of the course itself. It is the responsibility, as well as the interest, of the student to comply with these indications.