



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2025/26
MASTER DEGREE
BIOMEDICAL OMICS (Classe LM-9 R)
Enrolled in 2025/26 Academic Year

HEADING

Degree classification - Denomination and code:	LM-9 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:	DBC

PERSONS/ROLES

Head of Study Programme

prof.ssa Myriam Alcalay

Tutors - Faculty

Academic guidance tutor:
- Prof.ssa Myriam Alcalay
- Prof. Salvatore Pece
- Prof. Diego Pasini
- Dott.ssa Emanuela Colombo
- Prof. Gaetano Ivan Dellino
- Prof. Stefano Santaguida

Degree Course website

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

International Students - Welcome desk:

<https://informastudenti.unimi.it/saw/ess?AUTH=SAML>

Student administrative office:

Email: biomedicalomics@unimi.it

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).

How to participate in Erasmus mobility programs

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
Computational approaches for omics data	12	(6) ING-INF/05, (6) INF/01
Genomics and epigenomics	12	(5) BIO/11, (2) BIO/10, (5) MED/04
High-throughput screenings	6	(3) BIO/11, (3) MED/04
Legislation, management and technology transfer	12	(6) MED/46, (6) MED/43
Practical laboratory activities	6	NA
Proteomics	6	BIO/10
Radiomics	6	(1) MED/04, (5) MED/36
	Total compulsory credits	60
2nd COURSE YEAR (available as of academic year 2026/27) Core/compulsory courses/activities common		
Learning activity	Ects	Sector
	6	(4) MED/03, (2) MED/08
Clinical omics	6	(2) MED/15, (2) MED/11, (2) MED/06
Ethics and decision-making	6	M-PSI/01
Experimental design	6	(2) BIO/11, (2) MED/04, (2) BIO/13
	Total compulsory credits	24
Elective courses		
Additional Language Skills: Italian	3	NA
End of course requirements		
Omics in diagnostics	25	NA
	Total compulsory credits	25