



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2022/23
MASTER DEGREE

Health Professions of Technical Sciences (diagnostic) (Classe LM/SNT3)
Enrolled since 2022/23 Academic Year

HEADING

Degree classification - Denomination and code:	LM/SNT3 Health professions for technical assistance
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:	Cap on student, student selection based on entrance test
Course code:	D97

PERSONS/ROLES

Head of Interdepartmental Study Programme

Prof. Gianpaolo Carrafiello

Tutors - Faculty

Per i piani di studio:

prof. Gianpaolo Carrafiello

Per stage tirocini:

dott. Giovanni Tafuni

Per la mobilità internazionale:

dott. Giovanni Tafuni

Degree Course website

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

Academic Office for the Degree Programme

Email: magistrale.tecnichediagnostiche@unimi.it

CHARACTERISTICS OF DEGREE PROGRAMME

General and specific learning objectives

The Master's degree programme in Health Professions of Technical Sciences (Diagnostic) aims to provide the graduate with an education which allows them to:

- incorporate preclinical and clinical foundations needed to train healthcare workers in diagnostic testing, whether with or without the support of medical instruments;
- apply, in a clinical setting, their baseline scientific knowledge as it pertains to their profession, in a manner helpful for making decisions relating to the organisation and management of healthcare services rendered by healthcare technicians;
- understand the actions of healthcare workers from an ethical, social, and moral perspective;
- assist in the design and creation of scientific data-processing systems, as well as their management and application within various contexts;
- harness, with respect to the organisation of healthcare services, and the management of available human and technological resources, all available competencies in management and business organisation, conducting the cost-benefit analysis therefor;
- conduct technical inspections and audits on specific segments within the healthcare system;
- employ, within the field of healthcare services, research tools and methods;
- plan and optimise the use of all operations aiming to increase resources (human, technological, IT, financial resources) available to the healthcare facility;
- plan and conduct training programmes for continuing education and updates at one's own clinic or facility;
- cultivate, as part of ongoing tutorship and coordination of internship activities for basic, complementary, and ongoing education, teaching skills to train aspiring professionals in one's field;

- instruct others on the legal aspects of the profession in terms of administrative and legal rules, and EU regulatory bodies, in order to facilitate international relations with governments or one's own professional board.

Professional profile and employment opportunities

SKILLS ASSOCIATED WITH THE RELATED FUNCTION:

The graduate will be able to utilise advanced methods in research, training, and management in rehabilitative sciences within their Class.

PROFESSIONAL OPPORTUNITIES:

- executive roles in healthcare facilities (organisation/supervision within a facility, and providing services at an effective level), passing all competitive-procedure testing as required;
- university teaching, completing all testing required by applicable law;
- research within their professional field.

Initial knowledge required

Admission into the programme is capped, at a national level, pursuant to Law no. 264 of 2 August 1999.

The number of students who may be admitted is set each year pursuant to a decree of the Ministry of Universities and Research (MUR), based on findings provided by the university in terms of available instructional, classroom, and clinical resources (human and otherwise), as well as the demand for the type of professionals contemplated for this Class as determined by the Region of Lombardy, and the Ministry of Health.

The admission test for the programme consists of a written, multiple-choice examination.

The test is held on a date set by MUR for all Italian campuses.

Admission into the programme requires a degree in Class L/SNT3, or in the corresponding class under Ministerial Decree no. 509/99, or a university degree authorising a person to practice in the profession, or other degree deemed equivalent (under Law no. 42/1999); those holding a foreign degree deemed equivalent are likewise eligible for admission.

Compulsory attendance

Attendance of all educational activities contemplated in the study programme is mandatory.

To be allowed to sit the for-credit exam, students must have attended at least 75% of the formal and informal educational programming contemplated for each course. Should a student's attendance fall short of the required attendance level, instructors may assign alternative educational activities, including self-study, which the student must complete and submit before being allowed to sit a given exam. Attendance of all practical training and internship hours is mandatory, and cannot be fulfilled through other means.

Degree programme final exams

The final exam, which is offered during specific times of a year for all Italian campuses, consists of presenting and defending an original thesis, prepared by the student under the guidance of a supervisor (Degree Internships).

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 organizations.

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

Study and internships abroad

Contacts and exchanges with foreign educational and health institutions are presently under development, with the aim to provide students with a reasonably broad range of international mobility programs. Based on the peculiarities of the training curriculum and the specific needs of the students, who predominantly work as health professionals in public and private institutions, the mobility programs will include training activities within the organizational and research domains.

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 organizes 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.

Learn more at <https://www.unimi.it/en/international/study-abroad/studying-abroad-erasmus>

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502

Contacts: InformaStudenti; mobility.out@unimi.it

Student Desk booking through InformaStudenti

1st COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
English assessment B1 (2 ECTS)	2	ND
Interdisciplinary professional course 1	10	(3) MED/50, (1) VET/06, (1) MED/08, (1) MED/37, (2) MED/05, (2) MED/36
Medical law, ethical and professional-legal liability	5	(2) IUS/13, (2) IUS/07, (1) MED/43
Practical training	22	MED/50, MED/46
Principles and instruments of business economics applied to the healthcare sector	5	SECS-P/07
Psychology applied to social relations, communication and group dynamics	8	(2) M-PSI/06, (2) M-PSI/01, (2) M-DEA/01, (2) SPS/07
Statistics, epidemiology and history of the healthcare services	7	(3) MED/01, (2) MED/02, (2) MED/42
Total compulsory credits		59
Elective courses		
2nd COURSE YEAR (available as of academic year 2023/24) Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Educational project planning and management	4	M-PED/01
Interdisciplinary professional course 2	9	(3) MED/50, (1) MED/31, (2) MED/46, (1) MED/32, (1) MED/44, (1) MED/26
Other activities (laboratories)	5	ND
Planning, organisation, and monitoring in healthcare organisations	6	SECS-P/10
Practical training	8	MED/50, MED/46
Professional management	6	(2) M-PSI/06, (2) MED/44, (2) SPS/09
Research methodology	10	(2) SECS-S/02, (2) BIO/11, (2) MED/04, (2) ING-INF/05, (2) M-FIL/03
Total compulsory credits		48
Elective courses		
End of course requirements		
Final exam	7	NA
Total compulsory credits		7