UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2023/24
BACHELOR
Orthoptic and Ophtalmologic Assistance (Classe L/SNT2)
Enrolled since 2021/22 Academic Year to 2022/23 Academic Year

HEADING

Degree classification - Denomination and code:	L/SNT2 Health professions for rehabilitation
Degree title:	Dottore
Length of course:	3 years
Total number of credits required to complete programme:	180
Years of course currently available:	2nd , 3rd
Access procedures:	Cap on student, student selection based on entrance test
Course code:	D69

PERSONS/ROLES

Head of Interdepartmental Study Programme
Prof. Edoardo Villani

Tutors - Faculty
Per l'orientamento:
prof. Paolo Nucci
prof. Edoardo Villani

Per stage e tirocini:
dott. Francesco Bonsignore

Per laboratori e altre attività:
dott.ssa Xenia Celeste Bucella

Degree Course website
https://ortottica.cdl.unimi.it/it

Academic Office for the Degree Programme

Ospedale San Giuseppe - via San Vittore, 12 - Milano   Email: segreteriaortottica@unimi.it

CHARACTERISTICS OF DEGREE PROGRAMME

General and specific learning objectives
Graduates of the Bachelor's Degree programme in Orthoptic and Ophtalmologic Assistance, pursuant to the strategic objectives set by the European Communities, shall acquire:
the scientific bases, and the theory and practice needed to understand biological and hereditary phenomena, the principal methods of function of the eye and related apparati, as well as an understanding of the psychological, social, and environmental aspects of the same;
an understanding of the evolution of the profession, and the foundations of orthoptic and ophthalmology;
an understanding of the foundations, trends, and characteristics in treatment and rehabilitation theory and conceptual models;
an understanding of the standards and regulations that govern the practice and responsibilities of an optometrist;
an understanding of the principles of bioethics, professional ethics, as well as legal and medical standards applicable to the profession;
the ability to develop an integrated approach to the patient, critically assessing the clinical, interpersonal, developmental, social, and ethical considerations relating to diagnosis, prevention, treatment, and rehabilitation;
the expertise and professional standards that orient the diagnostic and rehabilitative process with respect to patients, applying these standards in practice at an accredited healthcare facility, clinic or hospital;
a level of professional, decision-making, and operational autonomy thanks to a programme that takes a holistic approach to ophthalmological problems, including an analysis of the patient's social environment;
essential theoretical knowledge predicated on scientific foundations, with a view toward applying them in one's professional career;
knowledge, ability, and experience needed to plan, manage, and assess the need for corrective lenses and other rehabilitative

treatment of the patient;

knowledge, ability, and experience needed to ensure the proper application of all diagnostic prescriptions and treatments;

the ability to pursue one's own continuing professional education;

the diligence to seek out continuing education, and the tools to do so;

the ability to cooperate and work with a diverse set of healthcare professionals on team projects and decision-making;

the ability to properly delegate to, and use the talents of, support staff, and to contribute to their training;

teaching activities geared toward student clinical experience;

an awareness of the ethics and history of medicine, with particular reference to orthoptic/ophthalmology, and rehabilitative studies;

an appropriate and effective bedside manner with patients and family members;

the necessary knowledge to understand the biological, physio-pathological, and sensory phenomena of sight;

skills in identifying the proper treatment for preventing and rehabilitating visual disabilities;

technical ability to perform ophthalmological diagnoses;

development of a professional skill set germane to the career to which you aspire, and as regulated by EU and Italian law;

the knowledge needed as a healthcare worker able to independently manage prevention, treatment, rehabilitation, and functional assessments;

the ability to discern the competencies that come from learning semiological techniques, and a holistic assessment of visual function, and rehabilitative treatment of visual handicaps at various chronological ages;

the ability to provide patient education on topics involving preventing and treating amblyopia and other visual ailments;

the ability to work and interact proactively on an intra-professional team for the purpose of planning and sharing assessments and rehabilitation for patients with multiple handicaps;

specific capabilities in providing assistance during ophthalmological surgery;

teaching ability for instructing students in the three-year degree programmes.

Professional profile and employment opportunities

The Optometrist / Ophthalmological Assistant is a healthcare worker who handles motor and sensory ailments relating to vision, using semiological/diagnostic/ophthalmological diagnostic techniques.

Those with a degree in Orthoptic and Ophtalmologic Assistance may be responsible for organising and planning professional services falling within their professional aegis, and may be included in research groups; they may also find a professional outlet in either a public or private clinic or hospital, where they might be an employee or freelance professional.

Initial knowledge required

To be admitted into the degree programme in Orthoptic and Ophthalmologic Assistance, a candidate must have an Italian secondary-school diploma or a similar diploma earned overseas and deemed equivalent.

Admission to the programme is subject to a national cap in accordance with Law no. 264/99 (2 August 1999), and contemplates an admission test. Students must also meet the educational-background requirements set by the law for capped-enrolment programmes, or be subject to provisional admission. The admission test (there is one exam for all Healthcare Degree Programmes) is a multiple-choice exam developed and approved on a yearly basis by the University in accordance with the administration method and timetable set by MUR. The admission test is a tool to gauge the students' knowledge in the following areas: Italian language, general knowledge, logic, general science (biology, chemistry, maths, IT, and physics at a secondary level) as required to attend the first year of the programme.

The admission test will be administered as a national exam, generally in the month of September. The date will be set pursuant to a decree of MUR.

For more information on the rubric for the admission test, please visit: https://www.unimi.it/it/corsi/orientarsi-e-scegliere/preparare-i-test-ingresso

Read the call for applications at: https://www.unimi.it/it/corsi/corsi-di-laurea/ortottica-ed-assistenza-oftalmologica

Additional learning requirements (OFA)

Students who answer less than 50% of the Biology and Chemistry questions on the admission test will be required to finish a set of Additional learning requirements (OFA). These prerequisites may be met through specifically assigned remedial work. Any failure to complete the OFA will make it impossible for the student to sit for the exam in: Foundations of biochemical sciences and biology.

Timely notice of the various courses will be posted to: https://ortottica.cdl.unimi.it/it

Compulsory attendance

Attendance of all courses contemplated in the study plan is mandatory.

Internship criteria

A clinical internship is required, and the designated hours may not be fulfilled through other means. The programme contemplates 75 CFU, divided into three years of study.

Degree programme final exams

Degrees in Orthoptic and Ophthalmologic Assistance are awarded to students who pass the final exam. The final exam consists in the submission and defence of a written thesis on a topic relating to practical-clinical work completed during the students for-credit pre-professional internship. To be admitted to sit for the final exam, students must have earned the 173 credits required under the study plan; the final exam accounts for an additional 7 CFU; the programme therefore requires a

total of 180 CFU.

The final examination acts as a State Exam which serves to license students to practice the profession.

Campus

Educational activities for the Degree Programme in Orthoptic and Ophthalmologic Assistance are offered through accredited teaching hospitals and clinics within the national health system.

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

The Degree Programme in Orthoptic and Ophtalmologic Assistance has a tradition of international exchanges, which began in the 2007/08 academic year.

The Erasmus programme (which stands for European Region Action Scheme for the Mobility of University Students) was founded in 1987 thanks to the efforts of the European Community. It gives students the opportunity to complete a for-credit study-abroad period on an international campus partnering with the student's home campus.

Currently, the Study Programme for Orthoptic gives Year III students the possibility of an international internship or traineeship (research or clinical practice).

Our European partner is Portugal: The Lisbon Polytechnic – Escola Superior de Tecnologia da Saude de Lisboa; The Porto Porto – Escola Superior de Saude (implementation pending).

Traineeships/internships will be available through both these campuses.

The Erasmus Plus programme contemplates, in addition to the bilateral agreements, the possibility of two instructors for each Campus to have international mobility.

The experience lasts six (6) months, and transfer credits up to 25 ECTS (European Credit Transfer System) + 2 ECTS of elective credit (totalling 27 ECTS, converted into 27 CFU, which will appear on the student's transcript) may be awarded.

Every year, the Degree Programme organises opportunities for students returning from study abroad, and those about to leave, to meet up and exchange practical information and contacts.

Students returning from study abroad are asked to submit a written report, which allows the President of the Degree Programme to monitor student satisfaction with the study-abroad offerings, so that solutions might be found for any critical issues reported.

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 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

1st COURSE YEAR (disactivated from academic year 2023/24) Core/compulsory courses/activities common

Learning activity	Ects	Sector
	7	(3) MED/01, (1) M-FIL/02, (1) ING-INF/05, (1) FIS/07, (1) INF/01
	1	NN
	4	(1) MED/30, (1) BIO/17, (2) BIO/16
	4	(1) MED/03, (1) BIO/10, (1) BIO/13, (1) BIO/12
	1	MED/50
	5	(2) MED/04, (2) BIO/09, (1) BIO/14
	4	(2) MED/50, (2) MED/30
	6	(2) MED/50, (2) MED/30, (2) FIS/07
Computer Science Course	3	INF/01
English assessment B1 (2 ECTS)	2	NN
Placement I	24	MED/50
Total compulsory credits	61	

Elective courses

2nd COURSE YEAR Core/compulsory courses/activities common

Learning activity	Ects	Sector
	4	(2) MED/50, (2) MED/30
	4	(2) MED/50, (2) MED/30
	7	(1) MED/50, (1) MED/39, (1) MED/38, (1) M-PSI/01, (2) MED/30, (1) MED/45
	3	(1) MED/50, (2) MED/30
	5	(1) MED/50, (1) MED/27, (2) MED/30, (1) MED/26
	6	(2) MED/50, (1) MED/30, (1) M-PSI/08, (1) M-EDF/01, (1) MED/34
	1	NN
	25	MED/50
	1	MED/50
Total compulsory credits	56	

Elective courses

3rd COURSE YEAR Core/compulsory courses/activities common

Learning activity	Ects	Sector
	1	MED/50
	1	NN
	7	(1) MED/50, (1) MED/13, (2) MED/30, (1) MED/09, (1) MED/35, (1) MED/16
	4	(1) MED/50, (1) M-PSI/06, (1) MED/44, (1) MED/36
	26	MED/50
	7	(1) MED/50, (1) MED/29, (1) MED/31, (1) MED/30, (1)

			MED/18, (1) MED/41, (1) MED/19
		4	(1) MED/02, (1) SECS-P/10, (1) MED/43, (1) MED/42
	Total compulsory credits	50	

Elective courses

End of course requirements

Final examination		7	NN
	Total compulsory credits	7	

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisites

Learning activity	Prescribed foundation courses	O/S
		Core/compulsory
		Core/compulsory
		Core/compulsory
		Core/compulsory
		Core/compulsory
		Core/compulsory
		Core/compulsory
		Core/compulsory