UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2021/22
BACHELOR
Orthoptic and Ophtalmologic Assistance (Classe L/SNT2)
Enrolled in 2020/21 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
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. Francesco Viola
dott. Edoardo Villani
dott.ssa Simona Simonetta

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

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.

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 30 different 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, which last 3 to 12 months, through a public selection procedure.

Ad hoc commissions will evaluate:
• 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 generally begins around February each year with the publication of a call for applications specifying the destinations, with the respective programme duration, requirements and online application deadline.

Every year, before the deadline for the call, the University organizes informative meetings to illustrate opportunities and rules for participation to students.

Erasmus+ scholarship:
The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which is 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/it/internazionale/studiare-allestero/partire-con-erasmus.

For assistance, please contact:
International Mobility Office
Via Santa Sofia, 9 (second floor)
Tel. 02 503 13501-12589-13495-13502
E-mail: mobility.out@unimi.it
Desk opening hours: Monday to Friday 9 am - 12 noon

1st COURSE YEAR (disactivated from academic year 2021/22) Core/compulsory courses/activities common

Learning activity		Ects	Sector
Biochemistry and Basic Biologica Sciences		4	(1) MED/03, (1) BIO/10, (1) BIO/13, (1) BIO/12
Computer Science Course		3	INF/01
English assessment B1 (2 ECTS)		2	ND
General Physiopathology		4	(2) MED/04, (2) BIO/09
Human Morphology		5	(1) BIO/17, (4) BIO/16
Medical Statistics and Applied Physics		6	(4) MED/01, (2) FIS/07
Ocular Physiology		4	(2) MED/50, (2) MED/30
Ocular surface assessment and contact lens management		1	ND
Physiology and Pathology of the Ophthalmic Optics		5	(1) MED/50, (2) MED/30, (2) FIS/07
Placement I		24	MED/50
	Total compulsory credits	58	

Elective courses

2nd COURSE YEAR Core/compulsory courses/activities common

Learning activity	Ects	Sector
Basic contact lens course 1	1	ND
Eye Diseases	4	(2) MED/50, (2) MED/30
Imaging, Functional and Electrophysioolgical Evaluation of the eye	5	(2) MED/50, (1) ING-INF/05, (2) MED/30
Interdisciplinary Medical Specialties	7	(2) MED/38, (1) MED/13, (1) MED/09, (1) MED/35, (2) BIO/14
Neuropsychovisual Rehabilitation (I)	4	(1) MED/50, (1) M-PSI/01, (1) M-PSI/08, (1) M-EDF/01
Neuropsychovisual Rehabilitation (II)	5	(1) MED/50, (1) MED/30, (2) M-PSI/08, (1) MED/25
Placement II	26	MED/50

Strabismus and Orthoptic Treatment (I)		4	(2) MED/50, (2) MED/30
	Total compulsory credits	56	

Elective courses

3rd COURSE YEAR (available as of academic year 2022/23) Core/compulsory courses/activities common

Learning activity		Ects	Sector
Basic contact lens course 2		1	ND
Health Organization and Management		8	(1) MED/02, (1) SECS-P/07, (1) MED/44, (1) SECS-P/10, (1) MED/43, (2) MED/42, (1) MED/36
Neurophthalmology		7	(2) MED/50, (1) MED/27, (2) MED/30, (1) MED/26, (1) MED/34
Placement III		25	MED/50
Strabismus and Orthoptic Treatment (II)		5	(3) MED/50, (2) MED/30
Surgical Disciplines		4	(1) MED/29, (1) MED/31, (1) MED/30, (1) MED/18
	Total compulsory credits	50	

Elective courses

End of course requirements

Final examination		7	NA
	Total compulsory credits	7	

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisites

Learning activity	Prescribed foundation courses	O/S
Eye Diseases	Ocular Physiology	Core/compulsory
Physiology and Pathology of the Ophthalmic Optics	Medical Statistics and Applied Physics	Core/compulsory
Ocular Physiology	General Physiopathology	Core/compulsory
General Physiopathology	Human Morphology	Core/compulsory
Strabismus and Orthoptic Treatment (II)	Strabismus and Orthoptic Treatment (I)	Core/compulsory
Neuropsychovisual Rehabilitation (II)	Neuropsychovisual Rehabilitation (I)	Core/compulsory