



**UNIVERSITA' DEGLI STUDI DI MILANO**  
**PROGRAMME DESCRIPTION - ACADEMIC YEAR 2023/24**  
**BACHELOR**  
**Orthopaedics Techniques (Classe L/SNT3)**  
**Enrolled since 2011/12 Academic Year**

### **HEADING**

<b>Degree classification - Denomination and code:</b>	L/SNT3 Health professions for technical assistance
<b>Degree title:</b>	Dottore
<b>Length of course:</b>	3 years
<b>Total number of credits required to complete programme:</b>	180
<b>Years of course currently available:</b>	1st , 2nd , 3rd
<b>Access procedures:</b>	Cap on student, student selection based on entrance test
<b>Course code:</b>	D88

### **PERSONS/ROLES**

#### **Head of Interdepartmental Study Programme**

Prof. Matteo Maria Parrini

#### **Tutors - Faculty**

Per l'orientamento:

prof. Matteo Parrini

prof.ssa Jeannette Majer

#### **Degree Course website**

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

### **CHARACTERISTICS OF DEGREE PROGRAMME**

#### **Professional profile and employment opportunities**

The Orthopaedic Technician is a healthcare worker who, pursuant to a medical prescription, and subsequent review, constructs/adapts, applies and supplies prostheses, orthotics, and aids to substitute, correct, and support the motor apparatus, both of a functional and aesthetic nature, either mechanical or using external energy, or mixed corporeal and external energy, through direct testing of measurements and models on the patient.

Within the scope of one's own expertise, the Orthopaedic Technician trains the disabled person to use the prosthesis and orthotics as supplied, carries out, in cooperation with the physician, technical care for the delivery, replacement, and repair of prostheses and orthotics with which the patient has been provided, liaises with other professional figures and the multi-disciplinary treatment contemplated in the rehabilitation plan, and is responsible for organising, planning, and the quality of the professional acts conducted within the scope of one's professional duties.

The Orthopaedic Technician conducts professional activities in public or private hospitals and clinics, whether as an employee or as an independent contractor.

#### **Initial knowledge required**

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

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

#### **Additional learning requirements (OFA)**

Students who answered 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 the exam in: Microbiology and pathology and biochemistry.

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

## 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 educational programming contemplated for each course.

## Degree programme final exams

Degrees in Orthopaedics Techniques are awarded at the end of three years of study once a student has passed all relevant exams, including the English-language proficiency examination, for a total of 173 CFU, as well as a final theoretical/practical exam worth 7 CFU, for a total of 180 CFU.

The final exam consists of presenting and discussing a written thesis.

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

## 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.

## 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 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; [mobility.out@unimi.it](mailto:mobility.out@unimi.it)

Student Desk booking through InformaStudenti

<b>1st COURSE YEAR Core/compulsory courses/activities common</b>		
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Learning activity	Ects	Sector
anatomy	4	(1) BIO/17, (3) BIO/16
applied medical and technical sciences 1	7	(5) MED/50, (1) MED/33, (1) MED/34
basic human physiology and psychology	5	(3) BIO/09, (2) M-PSI/01
Computer Science Course	3	INF/01
English assessment B1 (2 ECTS)	2	ND
internal medicine	6	(1) MED/38, (1) MED/13, (1) MED/28, (1) MED/15, (1) MED/10, (1) MED/16
microbiology, pathology and biochemistry	5	(2) MED/04, (2) MED/07, (1) BIO/12
physics and mathematics	8	(2) MED/01, (2) ING-INF/07, (2) FIS/07, (2) MAT/05
seminars (first year)	1	ND
Traineeship (first year)	14	MED/50
	Total compulsory credits	55

### **Elective courses**

### **2nd COURSE YEAR Core/compulsory courses/activities common**

Learning activity	Ects	Sector
applied medical and technical sciences 2	8	(5) MED/50, (2) MED/33, (1) MED/34
bone and joint medicine and surgery 1	10	(4) MED/33, (4) MED/34, (2) MED/36
bone and joint medicine and surgery 2	7	(4) MED/33, (3) MED/34
interdisciplinary sciences and health management	5	(1) SECS-S/02, (2) ING-INF/05, (1) IUS/07, (1) SECS-P/10
medicine and surgery	6	(1) MED/40, (2) MED/09, (1) BIO/14, (1) MED/18, (1) MED/41
seminars (second year)	1	ND
Traineeship (second year)	21	MED/50
	Total compulsory credits	58

### **Elective courses**

### **3rd COURSE YEAR Core/compulsory courses/activities common**

Learning activity	Ects	Sector
applied medical and technical sciences 3	8	(5) MED/50, (1) MED/33, (1) MED/09, (1) MED/34
bone and joint medicine and surgery 3	8	(4) MED/33, (4) MED/34
clinical sciences	9	(1) MED/39, (2) MED/27, (1) MED/22, (1) MED/30, (1) MED/26, (1) MED/24, (2) MED/19
seminars (third year)	1	ND
technical laboratories	3	MED/50
Traineeship (third year)	25	MED/50
	Total compulsory credits	54

### **End of course requirements**

final examination	7	NA
	Total compulsory credits	7