



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2021/22
BACHELOR

**Cardiocirculatory and Cardiovascular Perfusion Techniques (Classe
L/SNT3)**
Enrolled since 2011/12 Academic Year

HEADING

Degree classification - Denomination and code:	L/SNT3 Health professions for technical assistance
Degree title:	Dottore
Length of course:	3 years
Total number of credits required to complete programme:	180
Years of course currently available:	1st , 2nd , 3rd
Access procedures:	Cap on student, student selection based on entrance test
Course code:	D78

PERSONS/ROLES

Head of Interdepartmental Study Programme

Prof. Marco Agrifoglio

Tutors - Faculty

Per l'orientamento:

dott.ssa Fabiana Rossi

per i piani di studio:

prof. Marco Agrifoglio

dott.ssa Fabiana Rossi

per stage e tirocini:

dott.ssa Fabiana Rossi

per laboratori e altre attività:

dott.ssa Fabiana Rossi

tesi di laurea:

prof. Marco Agrifoglio

dott.ssa Fabiana Rossi

per trasferimenti:

prof. Marco Agrifoglio

dott.ssa Fabiana Rossi

per ammissioni lauree magistrali:

dott.ssa Fabiana Rossi

per riconoscimento crediti:

prof. Marco Agrifoglio

dott.ssa Fabiana Rossi

Degree Course website

<https://fcpc.cdl.unimi.it/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 and other Extra-EU 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

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 generally begins around February each year with the publication of a call for applications specifying the destinations, with the respective programme duration (from 2/3 to 12 months), 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/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	
Biomedical Engineering	8	(2) ING-INF/07, (2) ING-INF/06, (2) FIS/07, (2) ING-IND/22	
Biomedical Science	6	(1) MED/03, (1) MED/04, (2) BIO/10, (1) MED/07, (1) BIO/13	
Cardiovascular Diseases	4	(2) MED/50, (1) MED/11, (1) MED/23	
Clinical Pathology and Pharmacology	5	(1) MED/09, (2) BIO/14, (1) MED/18, (1) MED/05	
Computer Science Course	3	INF/01	
English assessment B1 (2 ECTS)	2	ND	
Epidemiology, Medical Statistics and Occupational Medicine	8	(2) MED/01, (2) MED/45, (1) MED/44, (2) MED/42, (1) MED/36	
Multidisciplinary Seminars and Insights (I year)	1	ND	
Principles of Anatomy and Physiology	7	(3) BIO/09, (1) BIO/17, (3) BIO/16	
Professional Laboratories (I year)	1	MED/50	
Training (I year)	15	MED/50	
Total compulsory credits		60	
Elective courses			

2nd COURSE YEAR Core/compulsory courses/activities common			
Learning activity		Ects	Sector
Cardiothoracic Imaging and Cardiovascular Sonography		6	(2) MED/11, (2) MED/22, (2) MED/36
Electrocardiography, Arrhythmology and Electrostimulation		4	(1) MED/50, (3) MED/11
Extracorporeal Circulation		8	(4) MED/50, (1) MED/22, (1) MED/41, (2) MED/23
Medicine Specialties		7	(1) MED/50, (2) MED/14, (1) MED/15, (2) MED/26, (1) MED/06
Multidisciplinary Seminars and Insights (II year)		1	ND
Pediatric Heart diseases		6	(2) MED/50, (2) MED/20, (1) MED/41, (1) MED/23
Professional Laboratories (II year)		1	MED/50
Respiratory Medicine and Lung Diseases		5	(1) MED/50, (2) MED/10, (2) MED/21
Training (II year)		20	MED/50
		Total compulsory credits	58
Elective courses			
3rd COURSE YEAR Core/compulsory courses/activities common			
Learning activity		Ects	Sector
Advanced Techniques of Perfusion and Extracorporeal Life-Support		5	(2) MED/50, (1) MED/11, (2) MED/23
Cardiovascular Research		4	(2) SECS-S/02, (1) MED/02, (1) MED/23
Health Law and Organization		4	(1) SECS-P/07, (1) IUS/07, (1) SPS/07, (1) SECS-P/10
Invasive Cardiovascular Techniques		4	(1) MED/50, (1) MED/11, (2) MED/23
Multidisciplinary Seminars and Insights (III year)		1	ND
Professional Laboratories (III year)		1	MED/50
Psychological, Legal and Organizational principles of Professional Practice		5	(1) MED/50, (2) M-PSI/01, (2) MED/43
Training (III year)		25	MED/50
		Total compulsory credits	49
Elective courses			
End of course requirements			
Final Exam		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
Cardiovascular Diseases	Biomedical Engineering	Core/compulsory
Clinical Pathology and Pharmacology	Biomedical Science	Core/compulsory
Biomedical Science	Principles of Anatomy and Physiology	Core/compulsory