



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2016/17
SINGLE-CYCLE DEGREE
Medicine and Surgery - Sacco Hospital Location (Classe LM-41)
Enrolled from

HEADING

Degree classification - Denomination and code:	LM-41 Medicine and surgery
Degree title:	Dottore Magistrale
Length of course:	6 years
Total number of credits required to complete programme:	360
Years of course currently available:	2nd , 3rd
Access procedures:	Cap on student, student selection based on entrance test
Course code:	D52

PERSONS/ROLES

Head of Study Programme

Prof. Marco Elli

Degree Course website

<http://www.dibic.unimi.it> - <http://cdlmcpv.ariel.ctu.unimi.it>

Via G.B. Grassi, 74 Phone 02/50319605-19609 Dal lunedì al venerdì dalle 9.00 alle 15.30 Email: segredid.vialba@unimi.it

<http://www.unimi.it/studenti/matricole/77598.htm>

Email: benvenuto.cestaro@unimi.it

Email: marco.elli@unimi.it

Email: piergiorgio.danelli@unimi.it

Email: irene.cetin@unimi.it

Email: maurizio.mariotti@unimi.it

Email: diego.foschi@unimi.it

Email: nicola.montano@unimi.it

EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM

The University of Milan supports the international mobility of its students, offering them the opportunity to spend periods of study and training abroad, a unique opportunity to enrich their curriculum in an international context. To this end, the University adheres to the European Erasmus+ program within which agreements with over 300 universities in over 30 countries have been signed. Under this program, students can attend one of these universities in order to pursue training in substitution of part of the curriculum foreseen by the chosen study course, including internships at companies, research and training centers or other organizations, or even to prepare their thesis. The University also maintains relationships with several other prestigious foreign institutions offering similar opportunities even within higher study levels.

Study and internships abroad

The University of Milano - Polo Vialba traditionally favors international student rotations and supports the applicants for programs of international student exchanges. The number of applicants to the Erasmus and Erasmus Mundus programs is consistently on the increase. Each applicant has the opportunity to discuss his/her program with the Dean of Curriculum, before submitting the learning agreement to the Erasmus coordinator. This practice enables the applicants to take full advantage of the experience in a foreign institution. Votes awarded by Spanish universities are transcribed based on a

specific conversion table available in the rule book of our institution. Reference for recognition and transcription of votes obtained in all other European countries is the ECTS conversion table, also available in the rule book.

Erasmus+ offers a wide choice of positions in Europe and most students select European countries: Spain and Portugal in particular. However, some enjoy rotations in universities in the United States, with rewarding experiences in clinical activities and research. Based on their positive reports, the University of Milano - Polo Vialba has recently joined the AAMC-GHLO, widening the perspectives for student exchanges. GHLO facilitates partnership with universities in the U.S. and in all continents. Bilateral agreements grant credit and vote recognition.

Clinical clerkships and clinical research are the most profitable areas for students on an international rotation. Therefore, the suggested best time is from year three through six. Sixth year rotations are usually devoted to process the thesis that is discussed at the final examination.

Each year we host a number of visiting students, mostly from Germany and Eastern European countries. They like the savor of tradition in our medical school and the friendly attitude of Italian young people. They also enjoy mixing with our students in social events. It is of mutual benefit and foster better acceptance of different cultures and traditions. The difficulty to provide lodging at reasonable costs is a major obstacle to attract more foreign students. We presently concentrate on finding adequate solutions.

How to participate in Erasmus mobility programs

To gain access to mobility programs for study purposes, lasting 3-12 months, the enrolled students of the University of Milan must attend a public selection that starts usually around the month of February each year through the presentation of specific competition announcements, which contain information on available destinations, respective duration of the mobility, requirements and deadlines for submitting the online application. The selection, aimed at evaluating the proposed study abroad program of the candidate, knowledge of a foreign language, especially when this is a preferential requirement, and the motivations behind the request, is performed by specially constituted commissions. Each year, before the expiry of the competition announcements, the University organises information sessions for the specific study course or groups of study courses, in order to illustrate to students the opportunities and participation rules. To finance stays abroad under the Erasmus + program, the European Union assigns to the selected students a scholarship that - while not covering the full cost of living abroad - is a useful contribution for additional costs as travel costs or greater cost of living in the country of destination. The monthly amount of the communitarian scholarship is established annually at national level; additional contributions may be provided to students with disabilities.

In order to enable students in economic disadvantaged conditions to participate in Erasmus+ program, the University of Milan assigns further additional contributions; amount of this contributions and criteria for assigning them are established from year to year. The University of Milan promotes the linguistic preparation of students selected for mobility programs, organising every year intensive courses in the following languages: English, French, German and Spanish.

The University in order to facilitate the organisation of the stay abroad and to guide students in choosing their destination offers a specific support service.

More information in Italian are available on www.unimi.it > Studenti > Studiare all'estero > Erasmus+

For assistance please contact:

Ufficio Accordi e relazioni internazionali

via Festa del Perdono 7 (ground floor)

Tel. 02 503 13501-12589-13495-13502

Fax 02 503 13503

E-mail: mobility.out@unimi.it

Desk opening hour: monday-friday 9 - 12

1st COURSE YEAR (disactivated from academic year 2016/17) Core/compulsory courses/activities common				
Distribution	Learning activity	Teaching units/modules	Ects	Sector
	Morfologia umana macroscopica 1 anno		13	BIO/16
	Introduzione alla Medicina (D52) (tot. credits: 4)		1	MED/01
			1	MED/02
			1	MED/42
			1	MED/45
	Chimica e propedeutica biochimica		7	BIO/10
	Morfologia Umana microscopica e ultrastrutturale		7	BIO/17
	Fisica Medica		6	FIS/07
	Biologia e genetica (tot. credits: 12)		4	BIO/11
			6	BIO/13
			2	MED/01
	Diagnostica per immagini e radioterapia 1 anno		1	MED/36
	Clinica ortopedica e traumatologica 1 anno		2	MED/33
		Total compulsory credits	52	
2nd COURSE YEAR Core/compulsory courses/activities common				
Distribution	Learning activity	Teaching units/modules	Ects	Sector
<i>annuale</i>	Fisiologia Umana		18	BIO/09

<i>annuale</i>	Inglese Medico Scientifico (D52)		3	L-LIN/12
<i>1 semestre</i>	Chimica Biologica		12	BIO/10
<i>1 semestre</i>	Morfologia umana macroscopica 2 anno		5	BIO/16
<i>2 semestre</i>	Immunologia e immunopatologia		5	MED/04
<i>2 semestre</i>	Microbiologia		6	MED/07
<i>2 semestre</i>	Malattie del sistema nervoso 2 anno		2	MED/26
<i>2 semestre</i>	Sanità pubblica 2 anno		3	MED/42
		Total compulsory credits	54	

3rd COURSE YEAR Core/compulsory courses/activities common

Distribution	Learning activity	Teaching units/modules	Ects	Sector
<i>annuale</i>	Comunicazione e relazione in medicina (tot. credits: 8)		2	M-PSI/08
			5	M-PSI/01
			1	MED/09
<i>annuale</i>	Semeiotica e patologia degli apparati 1 (tot. credits: 18)		5	MED/11
			4	MED/14
			1	MED/24
			3	MED/09
			1	MED/18
			4	MED/15
<i>annuale</i>	Semeiotica e patologia degli apparati 1 (att. prof.) (tot. credits: 8)		1	MED/11
			1	MED/15
			1	MED/14
			4	MED/09
			1	MED/18
<i>1 semestre</i>	Statistica e valutazione dell'evidenza in medicina		5	MED/01
<i>1 semestre</i>	Patologia e Fisiopatologia generale (tot. credits: 16)		12	MED/04
			3	MED/03
			1	MED/06
<i>2 semestre</i>	Statistica e valutazione dell'evidenza in medicina (att. prof.) (D52)		2	MED/01
<i>2 semestre</i>	Medicina di Laboratorio (tot. credits: 4)		3	BIO/12
			1	MED/05
<i>2 semestre</i>	Medicina di laboratorio (att. prof.)		1	BIO/12
<i>2 semestre</i>	Clinica ortopedica e traumatologica 3 anno (tot. credits: 3)		2	MED/33
			1	MED/34
<i>2 semestre</i>	Clinica ortopedica e traumatologica (att. prof.)		2	MED/33
		Total compulsory credits	67	

4th COURSE YEAR (active from the academic year 2017/18) Core/compulsory courses/activities common

Distribution	Learning activity	Teaching units/modules	Ects	Sector
<i>annuale</i>	Farmacologia Clinica		10	BIO/14
<i>1 semestre</i>	Clinica dermatologica		3	MED/35
<i>1 semestre</i>	Clinica dermatologica (att. prof.)		2	MED/35
<i>1 semestre</i>	Malattie del sistema nervoso (att. prof.)		2	MED/26
<i>1 semestre</i>	Sanità pubblica 4 anno (tot. credits: 4)		3	MED/42
			1	SECS-P/06
<i>1 semestre</i>	Semeiotica e patologia degli apparati 2 (tot. credits: 16)		4	MED/12
			4	MED/13
			3	MED/16
			1	MED/18
			4	MED/10
<i>1 semestre</i>	Semeiotica e patologia degli apparati 2 (att. prof.) (tot. credits: 5)		1	MED/12
			1	MED/13
			1	MED/10
			1	MED/16
			1	MED/18
<i>2 semestre</i>	Clinica delle malattie infettive		5	MED/17
<i>2 semestre</i>	Clinica delle malattie infettive (att. prof.)		1	MED/17
<i>2 semestre</i>	Malattie del sistema nervoso 4 anno (tot. credits: 5)		3	MED/26
			1	MED/27
			1	MED/34
<i>2 semestre</i>	Medicina del lavoro		6	MED/44
		Total compulsory credits	59	

5th COURSE YEAR (active from the academic year 2018/19) Core/compulsory courses/activities common

Distribution	Learning activity	Teaching units/modules	Ects	Sector
<i>annuale</i>	Clinica chirurgica e terapia chirurgica 5 anno		4	MED/18
<i>annuale</i>	Clinica chirurgica e terapia chirurgica 5 anno (att. prof.) (tot. credits: 7)		3	MED/18
			1	MED/21
			1	MED/22
			1	MED/23
			1	MED/24
<i>annuale</i>	Clinica medica 5 anno (tot. credits: 7)		4	MED/09
			1	MED/06
			1	MED/17
			1	M-EDF/01
<i>annuale</i>	Anatomia patologica		10	MED/08
<i>1 semestre</i>	Specialità Medico Chirurgiche (D52) (tot. credits: 7)		2	MED/31
			1	MED/32
			1	MED/28

			1	MED/29
			2	MED/30
1 semestre	Pediatria generale e specialistica (tot. credits: 6)		5	MED/38
			1	MED/39
1 semestre	Pediatria generale e specialistica (att. prof.)		2	MED/38
1 semestre	Clinica psichiatrica e psicologia clinica (tot. credits: 5)		4	MED/25
			1	M-PSI/08
1 semestre	Clinica Psichiatrica e psicologia clinica (att. prof.)		1	MED/25
1 semestre	Diagnostica per immagini e radioterapia 5 anno		4	MED/36
1 semestre	Diagnostica per immagini e radioterapia 5 anno (att. prof.) (D52)		2	MED/36
2 semestre	Medicina Legale		5	MED/43
2 semestre	Clinica ostetrica e ginecologica		5	MED/40
2 semestre	Clinica ostetrica e ginecologica (att. prof.)		2	MED/40
		Total compulsory credits	67	
6th COURSE YEAR (active from the academic year 2019/20) Core/compulsory courses/activities common				
Distribution	Learning activity	Teaching units/modules	Ects	Sector
1 semestre	Urgenze ed emergenze medico chirurgiche (att. prof.) (tot. credits: 4)		1	MED/41
			2	MED/09
			1	MED/18
1 semestre	Clinica chirurgica e terapia chirurgica 6 anno		4	MED/18
1 semestre	Clinica chirurgica e terapia chirurgica 6 (att. prof.)		3	MED/18
1 semestre	Clinica medica 6 anno		4	MED/09
1 semestre	Clinica medica (att. prof.) (tot. credits: 16)		9	MED/09
			1	MED/10
			1	MED/11
			1	MED/12
			1	MED/13
			1	MED/14
			1	MED/15
			1	MED/16
2 semestre	Urgenze ed emergenze medico chirurgiche (tot. credits: 4)		1	MED/18
			1	MED/09
			2	MED/41
		Total compulsory credits	35	
Activites chosen by the student				
Final learning activities				
	Prova Finale		18	
		Total compulsory credits	18	

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisites

Learning activity	Prescribed foundation courses	O/S
Biochemistry	Chemistry and introductory biochemistry	Core/compulsory
Immunology and Immunopathology	Biochemistry	Core/compulsory
	Biology and genetics	Core/compulsory
Infectious diseases	Molecular and cellular basis of diseases	Core/compulsory
Pediatrics	Molecular and cellular basis of diseases	Core/compulsory
Psychiatry and Clinical Psychology	Molecular and cellular basis of diseases	Core/compulsory
General surgery	Pharmacology	Core/compulsory
	Systems and diseases 2	Core/compulsory
	Radiology and Radiotherapy	Core/compulsory
	Pathology	Core/compulsory
Obstetrics and Gynecology	Molecular and cellular basis of diseases	Core/compulsory
Emergency medicine	Molecular and cellular basis of diseases	Core/compulsory
Human physiology	Human anatomy	Core/compulsory
Dermatology	Molecular and cellular basis of diseases	Core/compulsory
Head and Neck	Molecular and cellular basis of diseases	Core/compulsory
Human anatomy	Histology	Core/compulsory
Molecular and cellular basis of diseases	Biochemistry	Core/compulsory
	Biology and genetics	Core/compulsory
Systems and diseases 1	Human physiology	Core/compulsory
	Molecular and cellular basis of diseases	Core/compulsory
Systems and diseases 2	Human physiology	Core/compulsory
	Molecular and cellular basis of diseases	Core/compulsory
Neurology	Molecular and cellular basis of diseases	Core/compulsory
Trauma and Orthopedic surgery	Molecular and cellular basis of diseases	Core/compulsory
Pathology	Molecular and cellular basis of diseases	Core/compulsory

Internal medicine	Pharmacology	Core/compulsory
	Systems and diseases 1	Core/compulsory
	Systems and diseases 2	Core/compulsory
	Radiology and Radiotherapy	Core/compulsory
	Pathology	Core/compulsory