



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2018/19
BACHELOR
Biomedical Laboratory Techniques (Classe L/SNT3)
Enrolled from 2017-18 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
Access procedures:	Cap on student, student selection based on entrance test
Course code:	D74

PERSONS/ROLES

Head of Interdepartmental Study Programme

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

1st COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Basic analytical chemistry	1	ND
Biochemistry and Molecular Biology	6	(1) BIO/11, (5) BIO/10
English	2	ND
General Pathology, Immunology and Hystory of Medicine	6	(4) MED/04, (2) MED/02
Human Anatomy	4	BIO/16
Human Physiology	4	BIO/09
Informatics	3	ND
Life Sciences	5	(1) MED/03, (2) BIO/17, (2) BIO/13
Medical Chemistry	4	BIO/10
Microbiology	5	(2) MED/46, (3) MED/07
Occupational health and safety	1	ND
Physics, Statistics and Radioprotection	9	(4) MED/01, (4) FIS/07, (1) MED/36
Traineeship (first year)	8	MED/46
Total compulsory credits		58
Elective courses		
2nd COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Clinical Biochemistry and related diagnostic techniques	7	(3) MED/46, (4) BIO/12
Clinical Microbiology and related diagnostic techniques	5	(2) MED/46, (3) MED/07
Histological and Cytological Techniques	5	MED/08

Medical Pathophysiology		6	(1) MED/13, (1) MED/14, (1) MED/15, (2) MED/09, (1) MED/06
Public health and laboratory organization		6	(2) ING-INF/05, (2) SECS-P/06, (2) MED/42
Technical science of biomedical laboratory		4	MED/46
Traineeship (second year)		23	MED/46
	Total compulsory credits	56	
Elective courses			
3rd COURSE YEAR (available as of academic year 2019/20) Core/compulsory courses/activities common			
Learning activity		Ects	Sector
Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology		7	(3) MED/05, (4) BIO/12
Diagnostic Techniques in Cytopathology and Histopathology		4	(2) MED/46, (2) MED/08
Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology		4	(2) MED/46, (2) MED/07
Medical genetics pathologies		1	ND
Pharmacology/Toxicology and Legal Medicine		5	(2) MED/43, (3) BIO/14
Technical science of biomedical laboratory		3	MED/46
Traineeship (third year)		29	MED/46
	Total compulsory credits	53	
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
Diagnostic Techniques in Cytopathology and Histopathology	Histological and Cytological Techniques	Core/compulsory
Pharmacology/Toxicology and Legal Medicine	Medical Pathophysiology	Core/compulsory
Medical Pathophysiology	Human Physiology	Core/compulsory
	Human Anatomy	Core/compulsory
	Life Sciences	Core/compulsory
	General Pathology, Immunology and History of Medicine	Core/compulsory
Histological and Cytological Techniques	Human Physiology	Core/compulsory
	Human Anatomy	Core/compulsory
Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology	General Pathology, Immunology and History of Medicine	Core/compulsory
	Clinical Biochemistry and related diagnostic techniques	Core/compulsory
Clinical Biochemistry and related diagnostic techniques	Biochemistry and Molecular Biology	Core/compulsory
Clinical Microbiology and related diagnostic techniques	Microbiology	Core/compulsory
Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology	Clinical Microbiology and related diagnostic techniques	Core/compulsory