



**UNIVERSITA' DEGLI STUDI DI MILANO**  
**PROGRAMME DESCRIPTION - ACADEMIC YEAR 2019/20**  
**BACHELOR**  
**Biomedical Laboratory Techniques (Classe L/SNT3)**  
**Enrolled 2017/18 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>	D74

### PERSONS/ROLES

#### Head of Interdepartmental Study Programme

Decano (prof. Pietro Allevi)

Email: luca.massaccesi@unimi.it

Email: laura.marabini@unimi.it

Email: lorenza.tacchini@unimi.it

Email: elena.donetti@unimi.it

Email: luigia.doneda@unimi.it

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

<b>1st COURSE YEAR Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Basic analytical chemistry	1	ND
Biochemistry and Molecular Biology	6	(1) BIO/11, (5) BIO/10
English assessment B1 (2 ECTS)	2	L-LIN/12
General Pathology, Immunology and History 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
<b>Elective courses</b>		
<b>2nd COURSE YEAR Core/compulsory courses/activities common</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
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	
<b>Elective courses</b>			
<b>3rd COURSE YEAR Core/compulsory courses/activities common</b>			
<b>Learning activity</b>		<b>Ects</b>	<b>Sector</b>
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	
<b>Elective courses</b>			
<b>End of course requirements</b>			
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