

UNIVERSITA' DEGLI STUDI DI MILANO PROGRAMME DESCRIPTION - ACADEMIC YEAR 2019/20 BACHELOR

Biomedical Laboratory Techniques (Classe L/SNT3) Enrolled 2017/18 academic Year

HEADING		
Degree classification - Denomination	L/SNT3 Health professions for technical assistance	
and code:		
Degree title:	Dottore	
Length of course:	3 years	
Total number of credits required to	180	
complete programme:		
Years of course currently available:	1st, 2nd, 3rd	
Access procedures:	Cap on student, student selection based on entrance test	
Course code:	D74	

PERSONS/ROLES

Learning activity

Clinical Biochemistry and related diagnostic techniques

Clinical Microbiology and related diagnostic techniques

Histological and Cytological Tecniques

Head of Interdepartmental Study Programme

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

Learning activity Basic analytical chemistry Biochemistry and Molecular Biology English assessment B1 (2 ECTS) General Pathology, Immunology and Hystory of Medicine Human Anatomy Human Physiology Informatics Life Sciences Medical Chemistry			(4) MED/04, (2) MED/02
English assessment B1 (2 ECTS) General Pathology, Immunology and Hystory of Medicine Human Anatomy Human Physiology Informatics Life Sciences		2 6 4 4 3	BIO/10 L-LIN/12 (4) MED/04, (2) MED/02 BIO/16 BIO/09
General Pathology, Immunology and Hystory of Medicine Human Anatomy Human Physiology Informatics Life Sciences		6 4 4 3	(4) MED/04, (2) MED/02 BIO/16 BIO/09
Human Anatomy Human Physiology Informatics Life Sciences		4 4 3	MED/02 BIO/16 BIO/09
Human Physiology Informatics Life Sciences		3	BIO/09
Informatics Life Sciences		3	
Life Sciences			ND
1 11 1 11			
Medical Chemistry	Life Sciences		(1) MED/03, (2) BIO/17, (2) BIO/13
		4	
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/3
Traineeship (first year)	first year) 8 MI		MED/46
	Total compulsory credits	58	
Elective courses			

Ects

Sector

5 MED/08

(3) MED/46, (4) BIO/12

(2) MED/46, (3) MED/07

Public health and laboratory organization Public health and laboratory organization Fechnical science of biomedical laboratory Fraineeship (second year) Total compulsory credits	Medical Pathophysiology		6	(1) MED/13, (1) MED/14, (1) MED/15, (2)
Technical science of biomedical laboratory Traineeship (second year) Total compulsory credits	Public health and laboratory organization		6	
Elective courses 3rd COURSE YEAR Core/compulsory courses/activities common Learning activity Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology Diagnostic Techniques in Cytopathology and Histopathology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Pharmacology/Toxycology and Legal Medicine Petennical science of biomedical laboratory Traineeship (third year) Elective courses End of course requirements Final examination Total compulsory credits 56 Sector (3) MED/05, (4) BIO/12 (2) MED/46, (2) MED/06, (2) MED/07 (2) MED/46, (2) MED/07 (3) MED/07 (2) MED/46, (2) MED/07 (3) MED/07 (2) MED/46, (2) MED/07 (3) MED/08 (2) MED/46, (2) MED/07 (3) MED/08 (2) MED/46, (2) MED/046 (3) MED/07 (4) MED/07 (2) MED/04, (2) MED/046 (5) MED/07 (6) MED/07 (6) MED/07 (7) MED/07 (8) MED/08 (8) MED/08 (9) MED/08 (Technical science of biomedical laboratory		4	
Elective courses 3rd COURSE YEAR Core/compulsory courses/activities common Learning activity Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology Diagnostic Techniques in Cytopathology and Histopathology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies 1 ND Pharmacology/Toxycology and Legal Medicine Pharmacology/Toxycology and Legal Medicine Total compulsory credits Elective courses End of course requirements Enal examination 7 NA	Traineeship (second year)		23 MED/46	
3rd COURSE YEAR Core/compulsory courses/activities common Learning activity Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology Diagnostic Techniques in Cytopathology and Histopathology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Pharmacology/Toxycology and Legal Medicine Pharmacology/Toxycology and Legal Medicine Technical science of biomedical laboratory Traineeship (third year) Elective courses End of course requirements Enal examination 7 NA		Total compulsory credits	56	
Learning activity Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology Diagnostic Techniques in Cytopathology and Histopathology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Cytopathology Medical genetics pathologies Diagnostic Techniques in Cytopathology Medical genetics pathology Diagnostic Techniques in Cytopathology A (2) MED/46, (2) MED/46, (2) MED/46, (2) MED/46, (3) Bio/14 Tochnical science of biomedical laboratory Total compulsory credits Diagnostic Techniques in Cytopathology Total compulsory Total	Elective courses			
Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology Diagnostic Techniques in Cytopathology and Histopathology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies 1 ND Pharmacology/Toxycology and Legal Medicine Technical science of biomedical laboratory Technical science of biomedical laboratory Traineeship (third year) Total compulsory credits	1 2	nmon		
Diagnostic Techniques in Cytopathology and Histopathology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Pharmacology/Toxycology and Legal Medicine Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Diagnostic Techniques in Cytopathology and Histopathology A (2) MED/46, (2) MED/46, (2) MED/43, (3) BIO/14 Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic Techniques in Cytopathology A (2) MED/46, (2) MED/43, (3) BIO/14 Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic Techniques in Cytopathology A (2) MED/46, (2) MED/43, (3) BIO/14 Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology A (2) MED/46, (2) MED/43, (3) BIO/14 Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology A (2) MED/46, (2) MED/43, (3) BIO/14 Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology A (2) MED/43, (3) BIO/14 Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Diagnostic T	Learning activity		Ects	
Diagnostic Techniques in Cytopaniology and Histopaniology Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology Medical genetics pathologies Pharmacology/Toxycology and Legal Medicine Pharmacology/Toxycology and Legal Medicine Technical science of biomedical laboratory Traineeship (third year) Total compulsory credits	Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology		7	BIO/12
Medical genetics pathologies Pharmacology/Toxycology and Legal Medicine Pharmacology/Toxycology and Legal Medicine Fechnical science of biomedical laboratory Fraineeship (third year) Total compulsory credits Elective courses End of course requirements Final examination MED/07 ND ND (2) MED/43, (3) BIO/14 Total compulsory credits 53 Elective courses Total compulsory credits 7 NA NA	Diagnostic Techniques in Cytopathology and Histopathology		4	MED/08
Pharmacology/Toxycology 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	Diagnostic Techniques in Microbiology, Virology, Micology and Parasitology		4	(2) MED/46, (2) MED/07
BIO/14 Technical science of biomedical laboratory 3 MED/46 Traineeship (third year) 29 MED/46 Elective courses End of course requirements Final examination 7 NA	Medical genetics pathologies		1	
Traineeship (third year) Total compulsory credits Elective courses End of course requirements Final examination 29 MED/46 Total compulsory credits 53 NA	Pharmacology/Toxycology and Legal Medicine		5	(2) MED/43, (3) BIO/14
Elective courses End of course requirements Final examination Total compulsory credits 53 NA				
Elective courses End of course requirements Final examination 7 NA	Traineeship (third year)			MED/46
End of course requirements Final examination 7 NA		Total compulsory credits	53	
Final examination 7 NA	Elective courses			
Final examination 7 NA				
	End of course requirements			
Total compulsory credits 7	Final examination		7	NA
		Total compulsory credits	7	1

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisi	tes	
Learning activity	Prescribed foundation courses	O/S
Diagnostic Techniques in Cytopathology and Histopathology	Histological and Cytological Tecniques	Core/compulsory
Pharmacology/Toxycology 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 Hystory of Medicine	Core/compulsory
Histological and Cytological Tecniques	Human Physiology	Core/compulsory
	Human Anatomy	Core/compulsory
Diagnostic Techniques in Clinical Biochemistry, Molecular Biology and Clinical Pathology	General Pathology, Immunology and Hystory 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