

Master Degree in Medicine and Surgery (LM 41) Study Plan Academic Year 2023/2024

The training activities (teachings, laboratories, internship, vocational training activities, final exam) are measured in credits that document the student's commitment in carrying out the activity itself. Each credit corresponds to 25 hours of overall commitment for the student, between participation in teaching activities and personal study. In the activity plan formative, shown below and visible on the Faculty of Medicine and Surgery website (www.med.univpm.it), the number is indicated of the credits attributed to each individual activity.

The Degree Course is organized into three types of training activities: basic activities; characterizing activities; related activities or integrative.

The courses included in the aforementioned activities are offered through ex cathedra lessons. To these is added, which one activities of your choice, a wide range of monographic courses and forums on topics related to the subjects covered. Among other activities is also including knowledge of a foreign language.

Lessons and laboratory activities take place at the Faculty of Medicine and Surgery; training activity vocational training, the Practical Evaluation Internship and the internship are carried out in the affiliated structures under the supervision of medical personnel identified as tutor/ referent.

The aim of the course is to integrate the classic medical training path with transdisciplinary skills common to the medical training and the biomedical engineering path and to train a doctor who is no only an expert user of modern technologies applied to the various field of clinical medicine and translational scientific – technological research, but also an active collaborator in the conception and design of new and advanced technologies in cooperation with graduates in the various engineering sectors. All this by aiming at an innovative medicine capable of exploiting tools and systems with high technological complexity (genomics, bioinformatics, big data, artificial intelligence remote technologies).

During the training course, students of M&S will also guaranteed the possibility of acquiring further knowledge and basic skills through the acquisition of 30 optional University Educational Credits, which exceed the 360 credits required for the Medicine and Surgery degree.

In this way, the course will allow the M&S students who decide to also acquire the additional 30 ECTS to request, at the end of the 6 years, the Bachelor degree in Biomedical Engineering.

Master Degree in Medicine and Surgery - Registered Students in the Academic Year 2023- 2024 - 1st YEAR (MU03 -21-23)

exams/year

	integrated / monodisciplinary course		TOT CFU	SSD	Teaching module		CFU SSD	TAF	disciplinary area							
				BIO/13	Applied Biology and Genetics	W001876	6	Base	General knowledges for the acquisition of professional competences							
ANNUAL	Cell Morpholgy and Function	W001875	12	BIO/17	Histology	W001877	4	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine							
				BIO/16	Human anatomy	W001878	2	Base	Human morphology							
FIRST SEMESTER	Fundamentals of Experimental Physics and	W001879	12	FIS/01	Experimental Physics	W001880	6	Affine-integrativa	related activities or integrative							
	Chemistry			CHIM/07	Chemical Basis of Technologies	W001881	6	Affine-integrativa	related activities or integrative							
									·							
FIRST CENACCTED	Markhamakinal Anglusia and Casmaka	W/001003	12	MAT/05	Mathematical Analysis	W001883	7	Affine-integrativa	related activities or integrative							
FIRST SEMESTER	Mathematical Analysis and Geometry	W001882	12	MAT/03	Geometry	W001884	5	Affine-integrativa	related activities or integrative							
SECOND SEMESTER	Human Anatomy I	W001885	7	BIO/16	Human Anatomy		7	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine							
	Biochemistry, Pharmacology and Human			BIO/10	Biochemistry	W001887	5	Base	Molecular structure, function and metabolism of molecules of biological interest							
SECOND SEMESTER	,,	W001886	W001886	W001886	W001886	W001886	W001886	9	9	9	BIO/09	Human Physiology	W001888	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
	Physiology I			BIO/14	Pharmacological Basis of Therapeutics I	W001889	2	Caratterizzante	Pharmacology, toxicology and principles of medical therapy							
	Professionalizing Activities - first year	W001989	2		Professionalizing Activities-Medicine		2		Further training activities (art. 10.5.d)							
					1 course among those offered by Medicine											
	Elective Teaching Activity - first year (Medicine Elective Teaching Activity - first year (Biom	and Surgery)	2		and Surgery 1 course among those offered by Biomedical		1		Other elective activities chosen by the student							
	Engineering)				Engineering		1		Other elective activities chosen by the student							
T CFU			56	T			56									

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Master Degree in Medicine and Surgery - Registered Students in the Academic Year 2023- 2024 - 2nd YEAR (MU03 -21-23)

	integrated / monodisciplinary course		TOT CFU	SSD	Teaching module		CFU SSD	TAF	disciplinary area
									Scientific English and linguistic, computer and relational skills,
		W001890							medical pedagogy, advanced and remote information and
FIRST SEMESTER	Medical Statistics		4	MED/01	Medical Statistics		4	Caratterizzanti	communication technologies
	Fundamentals of Biomechanics and			ING-IND/13	Mechanics Applied to Machines	W001892	3	Affini-integrative	
FIRST SEMESTER	Biomechanics	W001891	9		· ·			- C	related activities or integrative
				ING-IND/34	Industrial Bioengineering	W001893	6	Base	Integrated biological functions of human organs and systems
				1		1		1	
FIRST SEMESTER	Medical Informatics	W001896	6	ING-INF/06	Electronic and Computer Bioengineering		6	Base	Integrated biological functions of human organs and systems
			1	T	T .	T	_	1	
				MED/07	Advanta la constala de la constala d		_		General and molecular pathology, immunopatology, general
	Missabialassiassosalassas and Taskinsal				Microbiology and Clin Microbiology	W001898	5	Caratterizzante	pathophysiology, microbiology and parasitology
SECOND SEMESTER	Microbiology Immunology and Techincal	W001897	11	MED/04	General Pathology (Immunology)	W001899	2	Carattarizzanta	General and molecular pathology, immunopatology, general pathophysiology
	Sciences			MED/46	Lab Techinical Science and Medicine	W001899 W001900	2	Caratterizzante Caratterizzante	Interdisciplinary clinical education and evidence-based medic
				BIO/17	Histology (Tissue Engeneering)	W001900 W001901	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medic Interdisciplinary clinical education and evidence-based medic
				BIO/17	riistology (rissue Eligerieerilig)	W001901	2	Caratterizzante	interdisciplinary clinical education and evidence-based medic
ANNUAL	Human Anatomy II	W001902	6	BIO/16	Human Anatomy II	1	- 6	Caratterizzante	Interdisciplinary clinical education and evidence-based medici
ANNUAL	Human Anatomy II	W001902	U	BIO/10	Indinali Aliatolliy li	<u> </u>		Caratterizzante	interdisciplinary clinical education and evidence-based medici
	1		l	I		I	1		Molecular structure, function and metabolism of molecules of
ANNUAL	Biochemistry and Human Physiology II	W001903	14	BIO/10	Biochemistry	W001904	5	Base	biological interest
	,,			BIO/09	Human Physiology	W001905	9	Caratterizzante	Interdisciplinary clinical education and evidence-based medici
			Į.		, ,,			<u>.</u>	· ,
	Professionalizing Activities -second year	W001990	2		Professionalizing Activities-Medicine and Surgery		2		Further training activities (art. 10.5.d)
					1 course among those offered by Medicine and				
	Elective Teaching Activity -second year (Medicine	e and Surgery)			Surgery		1		Other elective activities chosen by the student
	Elective Teaching Activity -second year (Biom		2		1 course among those offered by Biomedical				·
	Engineering)				Engineering				Other elective activities chosen by the student
									-
OT CFU	TOT CFU		54	7			54		
				_					
umber of				T					
ams/year			(5					

OPTIONAL CREDITS SUMMARY (CFU) TO GET AN ADDTIONAL BACHELOR DEGREE IN BIOMEDICAL ENGENEERING

Semester	integrated / monodisciplinary course	SSD	Teaching module	CFU	TAF	disciplinary area
FIRST SEMESTER	Fundamentals of Computer Sciences	ING-INF/05	Information Processing Systems	6	Base	Integrated biological functions of human organs and systems
FIRST SEMESTER	Electromagnetic Fields for Medicine	ING-INF/02	Basis of Electromagnetism	6	Affini e Integrative	Affini e Integrative

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Master Degree in Medicine and Surgery - Registered Students in the Academic Year 2023- 2024 - 3rd YEAR (MU03 -21-23)

	integrated / monodisciplinary course		TOT CFU	SSD	Teaching module		CFU SSD	TAF	disciplinary area
				ING-INF/06	Electronic and Computer Bioengineering	W001907	7	Base	Integrated biological functions of human organs and systems
FIRST SEMESTER	Applied Physics in Bioengeneering	W001906	14	ING-INF/01	Electronics	W001908	3	Affini-integrative	related activities or integrative
				FIS/07	Applied Division	W/001000		Done	General knowledges for the acquisition of professional
					Applied Physics	W001909	4	Base	competences
				1450/04					General and molecular pathology, immunopatology, general
ANNUAL	Pathology	W001917	12	MED/04	General Pathology	W001918	10	Caratterizzante	pathophysiology, microbiology and parasitology
				MED/05	Clinical Pathology	W001919	2	Caratterizzante	Laboratory medicine and integrated diagnostics
	Medical and Surgical Semeiotics and			MED/09	Internal Medicine (Semeiotics)	W001921	2	Caratterizzante	General medical and surgical clinic
ECOND SEMESTER	Pathology	W001920	6	MED/18	General Surgery and Surgical Semeiotics	W001922	2	Caratterizzante	Pathological disciplines and clinical anatomical correlations
	Tathology			MED/09	Internal Medicine (Medical Pathophysiology)	W001923	2	Caratterizzante	General medical and surgical clinic
	Professionalizing Activities -third year	W001991	9		Professionalizing Activities-Medicine and Surgery and	Biomedical En	g 9		Further training activities (art. 10.5.d)
	, , , , , , , , , , , , , , , , , , , ,						-		
	Elective Teaching Activity -third year (Med	cine and Surgery)				_	0		Other elective activities chosen by the student
	Elective Teaching Activity -third year		1		1 course among those offered by Biomedical				
	(Biom Engineering)				Engineering		1		Other elective activities chosen by the student
				_					
OT CFU			42				42		
unhau af				-					
umber of									

OPTIONAL CREDITS SUMMARY (CFU) TO GET AN ADDTIONAL BACHELOR DEGREE IN BIOMEDICAL ENGENEERING

	OPTIONAL CREDIT	5 SUIVIIVIART	MARY (CFO) TO GET AN ADDITIONAL BACHELOR DEGREE IN BIOMEDICAL ENGENEERING				
Semester	integrated / monodisciplinary course	SSD	Teaching module	CFU	TAF	disciplinary area	
FIRST SEMESTER	Fundamentals of Electrical and Electronic Engineering	ING-IND/31	Electrical Engineering	6	Affini e Integrative	related activities or integrative	
TIKST SEIVIESTEK	Fundamentals of Electrical and Electronic Engineering	ING-INF/01	Electronics	3	Affini e Integrative	related activities or integrative	
	RST SEMESTER Fundamentals of Mechanical Engineering	ING-INF/03	Telecommunications	3	Affini e Integrative	related activities or integrative	
FIRST SEMESTER		ING-INF/04	Automatics	3	Affini e Integrative	related activities or integrative	
		ING-IND/13	Mechanics Applied to Machines		Affini e Integrative	related activities or integrative	

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Master Degree in Medicine and Surgery - Registered Students in the Academic Year 2023- 2024 - 4TH YEAR (MU03 -21-23)

IV YEAR									
	integrated / monodisciplinary course		TOT CFU	SSD	Teaching module		CFU SSD	TAF	disciplinary area
				MED/11	Cardiovascular Diseases	W001925	3	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
				MED/23	Cardiac Surgery	W001926	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
FIRST SEMESTER	Organ System Diseases 1: Blood, Heart and Lung	W001924	13	MED/10	Respiratory System Diseases	W001927	3	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
				MED/15	Blood Diseases	W001928	3	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
				MED/08	Pathological Anatomy	W001929	2	Caratterizzante	Lab medicine and integrated diagnostics
				MED/14	Nephrology	W001931	2	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
FIRST SEMESTER	Organ System Diseases 2: Kidney and Genitourinary System	W001930	6	MED/24	Urology	W001932	2	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
				MED/08	Pathological Anatomy	W001933	2	Caratterizzante	Laboratory medicine and integrated diagnostics
		•				•		•	
FIRST SEMESTER	Mathematical Models in Medicine	W001934	5	ING-INF/06	Electronic and Computer Bioengineering		5	Base	Integrated biological functions of human organs and systems
ANNUAL	Publich health	W001935	3	MED/42	Hygiene, Public Health and Community Medicine		3	Caratterizzante	Human sciences, health policies and health management
ANNUAL	Pharmacology	W001936	6	BIO/14	Pharmacological Basis of Therapeutics II		6	Caratterizzante	Pharmacology, toxicology and principles of medical therapy
								_	
SECOND SEMESTER	Data Science for Bioengineering	W001937	6	ING-INF/05	Information Processing Systems		6	Base	Integrated biological functions of human organs and systems
		1		T	1			T	T
				MED/12	Gastroenterology	W001939	3	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
	Organ System Diseases 3: Endocrine and			MED/13	Endocrinology	W001940	3	Caratterizzante	Physical activity and well-being medicine
SECOND SEMESTER	Gastrointestinal Systems, Nutrition and Metabolism	W001938	12	MED/18	General Surgery and New Techiniques in Surgery: Minimally Invasive and Robotic Surgery	W001941	2	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
				MED/09	Internal Medicine	W001941 W001942	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
				MED/08	Pathological Anatomy	W001942 W001943	2	Caratterizzante	Laboratory medicine and integrated diagnostics
		Į		IVIED/00	T deficion to the control of the con	***************************************		Caratterizzante	Euboratory medicine and integrated diagnostics
	Professionalizing Activities -fourth year	W001992	14		Professionalizing Activities-Medicine and Surger	y and Biomedical Enge	14		Further training activities (art. 10.5.d)
					_				
	Elective Teaching Activity -fourth year (Me	edicine and Surge	:		1 course among those offered by Medicine and Surgery		1		Other elective activities chosen by the student
	Elective Teaching Activity -fourth year (Biom Engineering)		2		1 course among those offered by Biomedical Engineering		1		Other elective activities chosen by the student
	(Bioin Engineering)				Engineering		1		other elective activities thosen by the student
TOT CFU			67	ī			67		
TOT CFU			07	l			07		

Number of	
exams/year	7

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Master Degree in Medicine and Surgery - Registered Students in the Academic Year 2023- 2024 - 5TH YEAR (MU03 -21-23)

V YEAR	integrated / monodisciplinary course		TOT CFU	cen	Teaching module		CFU SSI	TAE	disciplinary area
	integrated / monodisciplinary course		IUI CFU	טככן	reaching module		CFU 331) [IAF	disciplinary area
			1	l					Interdisciplinary clinical education and
				MED/06	Oncology	W001945	3	Caratterizzante	evidence-based medicine
FIRST SEMESTER	Oncology, Genetics and Internal Medicine	W001944	8		Oncology		,	Caratterizzante	Interdisciplinary clinical education and
TINOT SEIVIESTER	oncology, deficites and internal wealthic	*******		MED/03	Genetic Medicine	W001946	3	Caratterizzante	evidence-based medicine
				MED/09	Internal Medicine (Immune System)	W001947	2	Caratterizzante	General medical-surgical clinic
			1	11125/03	internal measure (initialic system)	***************************************		Caracterizzante	
				MED/26	Neurology	W001949	3	Caratterizzante	Neurological disciplines
				MED/37	Neuroradiology	W001950	2	Caratterizzante	Neurological disciplines
FIRST SEMESTER	Clinical Neurosciences and Mental Health	W001948	9	MED/27	Neurosurgery	W001951	2	Caratterizzante	Neurological disciplines
				MED/25	Psychiatry	W001952	2	Caratterizzante	Psych Clinic and Behavioral Disciplines
			1		1 - 1 - 1 - 1 - 1				, -, -, -, -, -, -, -, -, -, -, -, -, -,
				MED/36	Radiology and Interventional Radiology	W001954	6	Caratterizzante	Radiological and radiotherapy disciplines
				,					
FIRST SEMESTER	New Radiology Diagnostic and Therapeutic Modality	W001953	13	MED/36	Nuclear Medicine, Radiotherapy, Radiobiology, Radio protection	W001955	3	Caratterizzante	Radiological and radiotherapy disciplines
					ξή,		_		Integrated biological functions of human
				ING-INF/06	Electronic and Computer Bioengineering	W001956	4	Base	organs and systems
									<u> </u>
				MED/28	Oral Diseases	W001958	2	Caratterizzante	Medical-surgical clinic of the sense organ
COND SEMESTER	Head and Neck Diseases	W001957	6	MED/30	Ophtalmology	W001959	2	Caratterizzante	Medical-surgical clinic of the sense organ
				MED/31	ORL	W001960	2	Caratterizzante	Medical-surgical clinic of the sense organ
				MED/17	Infectious Diseases	W001962	3	Caratterizzante	Comunity medicine
ECOND SEMESTER	Dermatology, Plastic Surgery and Infectious Diseases	W001961	8	MED/35	Cutaneous and Venereal Diseases	W001963	3	Caratterizzante	Clinic of medical-surgical specialties
				MED/19	Plastic Surgery	W001964	2	Caratterizzante	Clinic of medical-surgical specialties
								•	
				MED/33		W001966			Medical-surgical clinic of the musculoske
				IVIED/33	Muscoloskeletal System Diseases	W001900	3	Caratterizzante	system
				MED/34		W001967			Medical-surgical clinic of the musculoske
COND SEMESTER	Bone and Joint and Technologies in Rehabilitation	W001965	11		Physical and Rehabilitation Medicine		2	Caratterizzante	system
				MED/16	Rheumatology	W001968	2	Caratterizzante	Clinic of medical-surgical specialties
				ING-IND/34		W001969			Integrated biological functions of human
					Industrial Bioengineering		4	Base	organs and systems
	- c								I
	Professionalizing Activities -fifth year	W001993	18		Professionalizing Activities-Medicine and Surgery and Biomedical	Engeneering	18		Further training activities (art. 10.5.d)
									Total and a service and the se
	Elective Teaching Activity - fifth year (medicine and surgery)				1 course among those offered by Medicine and Surgery		1		Other elective activities chosen by the
	Elective Teaching Activity - fifth year (medicine and surgery) Elective Teaching Activity - fifth year (biomedical		2		1 course among those offered by Medicine and Surgery		1		student
					ddbdbdbdbdbdbd				Other elective activities chosen by the
	engineering)				1 course among those offered by Biomedical Engineering		1		student

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Number of exams/year 6

75

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TOT CFU

Master Degree in Medicine and Surgery - Registered Students in the Academic Year 2023 - 2024 - 6TH YEAR (MU03 -21-23)

	integrated / monodisciplinary course		TOT CFU	SSD	Teaching module		CFU SSD	TAF	disciplinary area
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				MED/09	Clinical Medicine and Medical and Molecular Therapy	W001971	5	Caratterizzante	General medical-surgical clinic
				MED/18	Clinical Surgery	W001972	3	Caratterizzante	General medical-surgical clinic
IRST SEMESTER	Patient Management	W001970	12	BIO/12	Clin Biochemistry and Clin Molecular Biology	W001973	2	Caratterizzante	Laboratory and diagnostic-integrat medicine
				MED/05	Clinical Pathology	W001974	2	Caratterizzante	Lab and diagnostic-integrated med
								-	
				MED/38	Pediatric Medicine	W001976	3	Caratterizzante	Pediatric disciplines
				MED/20	Pediatric Surgery	W001977	2	Caratterizzante	Pediatric disciplines
IRST SEMESTER	Pediatrics, Ostetrics and Gynecology	W001975	8	MED/40		W001978			Obstetric-gynecological disciplines reproductive medicine and medica
					Gynaecology and Obstetrics		3	Caratterizzante	sexology
								-	
				MED/09	Geriatrics	W001980	3	Caratterizzante	General medical-surgical clinic
IRST SEMESTER	Healthcare Robotics and Active Ageing	W001979	9	MED/18	Clinical Geriatric Surgery	W001981	2	Caratterizzante	General medical-surgical clinic
INST SEWIESTER	realiticale hobotics and Active Agenig			ING-INF/06	Electronic and Computer Bioengineering	W001982	4	Base	Integrated biological functions of human organs and systems
				MED/41	Anesthesiology	W001984	3	Caratterizzante	Medical-surgical emergencies
				MED/09	Medical Emergencies	W001985	2	Caratterizzante	Medical-surgical emergencies
				MED/18	Surgical Emergencies	W001986	2	Caratterizzante	Medical-surgical emergencies
IRST SEMESTER	Emergency and Life Support and Legal Medicine and Bioethics	W001983	13	MED/43	Forensic Medicine	W001987	4	Caratterizzante	Medicine and public health and w environments and medico-legal sciences
				MED/44	Occupational Medicine	W001988	2	Caratterizzante	Medicine and public health and w environments and medico-legal sciences
			•	•		•		•	•
	Professionalizing Activities -sixth year	W001994	15		Professionalizing Activities-Medicine and Surgery		15		Further training activities (art. 10.5
	Foreign Language	W002053	2	L-LIN/12	Foreign Language	W002053	2	other activities	Final test and foreign language (ar 10.5.c)
	Final test	W001995	7			_	7	other activities	Final test and foreign language (ar 10.5.c)

TOT CFU 66

Number of exams/year 5

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Pre-requisites

The fellowing areas and the second of the se
The following exam must be successfully passed
Cell Morphology and Function
Human Anatomy I
Biochemistry, Pharmacology and Human Physiology I
Human Anatomy I
Biochemistry, Pharmacology and Human Physiology I and
Human Anatomy II
Microbiology Immunology and Technical
Sciences
Pathology

Organ System Diseases 2: Kidney and Genitourinary System	Organ System Diseases 1: Blood, Heart and Lung					
	Medical and Surgical Semeiotics and Pathology					
Gastrointestinal Systems, Nutrition and Metabolism	Organ System Diseases 2: Kidney and Genitourinary System					
Patient Management	Pharmacology Organ System Diseases 3: Endocrine and Gastrointestinal Systems, Nutrition and Metabolism					

Concerning the Professionalizing Activities, tehere will be an ongoing evaluation expressed by the tutors assigned to each group through a judgment of suitability, which will be documented in the personal booklet.

Once the assessment of suitability for each foreseen skill has been obtained, the student will be able to take the exam in the context of the foreseen sessions.

To be admitted to the Professionalizing Activities (Internship) of the 6th years it is necessary to be enrolled in the sixth year of the single-cycle master's degree course "Medicine and Surgery" and to have passed the exams up to the fourth year and "New Radiology Diagnostic and Therapeutic Modality" exam.

	integrated / monodisciplinary course		TOT CFU	SSD	Teaching module		CFU SSD	TAF	disciplinary area
				BIO/13	Applied Biology and Genetics	W001876	6	Base	General knowledges for the acquisition of professional competences
ANNUAL Cell Morpho	Cell Morpholgy and Function	W001875	12	BIO/17	Histology	W001877	4	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
				BIO/16	Human anatomy	W001878	2	Base	Human morphology
FIRST CELAFOTER	Fundamentals of Experimental Physics and	14/004070	40	FIS/01	Experimental Physics	W001880	6	Affine-integrativa	related activities or integrative
FIRST SEMESTER	Chemistry	W001879	12	CHIM/07	Chemical Basis of Technologies	W001881	6	Affine-integrativa	related activities or integrative
		•		•					
				MAT/05	Mathematical Analysis	W001883	7	Affine-integrativa	related activities or integrative
FIRST SEMESTER	Mathematical Analysis and Geometry	W001882	12	MAT/03	Geometry	W001884	5	Affine-integrativa	related activities or integrative
					,				
SECOND SEMESTER	Human Anatomy I	W001885	7	BIO/16	Human Anatomy	1	7	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
SECOND SEIVIESTER	Hullian Anatomy I	W001883		BIO/10	Truman Anatomy			Caratterizzante	interdisciplinary clinical education and evidence-based medicine
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CECOND CENTERED	Biochemistry, Pharmacology and Human Physiology I	14/004/006	9	BIO/10	Biochemistry	W001887	5	Base	Molecular structure, function and metabolism of molecules of biological interest
SECOND SEMESTER		W001886	9	BIO/09	Human Physiology	W001888	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
				BIO/14	Pharmacological Basis of Therapeutics I	W001889	2	Caratterizzante	Pharmacology, toxicology and principles of medical therapy
FIRST SEA AFSTER	handinal Charles	W001890		1450/04	NA-di-d Chabistics				Scientific English and linguistic, computer and relational skills, medical pedagogy, advanced and
FIRST SEMESTER	Medical Statistics		4	MED/01	Medical Statistics		4	Caratterizzanti	remote information and communication technologies
1						_			
FIRST SEMESTER	Fundamentals of Biomechanics and	W001891	9	ING-IND/1		W001892	3	Affini-integrative	related activities or integrative
TINOT DEMESTER	Biomechanics			ING-IND/34	Industrial Bioengineering	W001893	6	Base	Integrated biological functions of human organs and systems
FIRST SEMESTER	Medical Informatics	W001896	6	ING-INF/06	Electronic and Computer Bioengineering		6	Base	Integrated biological functions of human organs and systems
				14ED (07					General and molecular pathology, immunopatology, general pathophysiology, microbiology and
				MED/07	Microbiology and Clin Microbiology	W001898	5	Caratterizzante	parasitology
SECOND SEMESTER	Microbiology Immunology and Techincal	W001897	11	MED/04	General Pathology (Immunology)	W001899	2	Caratterizzante	General and molecular pathology, immunopatology, general pathophysiology
	Sciences			MED/46	Lab Techinical Science and Medicine	W001900	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
				BIO/17	Histology (Tissue Engeneering)	W001901	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
		•		•				•	
ANNUAL	Human Anatomy II	W001902	6	BIO/16	Human Anatomy II		6	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
	•				•	1		1	
				BIO/10	Biochemistry	W001904	5	Base	Molecular structure, function and metabolism of molecules of biological interest
ANNUAL	Biochemistry and Human Physiology II	W001903	14	BIO/09	Human Physiology	W001905	9	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
	Applied Physics in Bioengeneering	W001906	14	ING-INF/06	Electronic and Computer Bioengineering	W001907	7	Paca	Integrated biological functions of human organs and systems
FIRST SEMESTER				ING-INF/01		W001907	3	Affini-integrative	related activities or integrative
TINGT SEIVIESTEN				FIS/07	Applied Physics	W001909	<u> </u>	Paca	General knowledges for the acquisition of professional competences
				F13/07	Applied Filysics	W001303	-	Dase	deficial knowledges for the dequisition of professional competences
	Т	T	T	1		1		T	Constal and molecular nathology immunonateless, several nathonization, activities
ANNUAL	Pathology	W001917	12	MED/04	General Pathology	W001918	10	Caratterizzante	General and molecular pathology, immunopatology, general pathophysiology, microbiology and parasitology
ANNUAL	Pathology	AA00131/	12	MED/05	Clinical Pathology	W001918 W001919	2	Caratterizzante	Laboratory medicine and integrated diagnostics
		1	1	IVIED/05	Cililical Factiology	WUU1919	۷.	Caratterizzante	caporatory incurence and integrated diagnostics
	T	1		NAED (00	Internal Madicine (Com. 1991)	14/001031	2	C	Consequence of the Lorent consequence of affects
CECOND	Medical and Surgical Semeiotics and	14/00 - 222	_	MED/09	Internal Medicine (Semeiotics)	W001921	2	Caratterizzante	General medical and surgical clinic
SECOND SEMESTER	Pathology	W001920	6	MED/18	General Surgery and Surgical Semeiotics	W001922	2	Caratterizzante	Pathological disciplines and clinical anatomical correlations
				MED/09	Internal Medicine (Medical Pathophysiology)	W001923	2	Caratterizzante	General medical and surgical clinic
	Organ System Diseases 1: Blood, Heart and Lung	W001924	13	MED/11	Cardiovascular Diseases	W001925		Caratterizzante	
							3		Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
FIRST SEMESTER				MED/23	Cardiac Surgery	W001926	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
				MED/10	Respiratory System Diseases	W001927	3	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
				MED/15	Blood Diseases	W001928	3	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
		1		MED/08	Pathological Anatomy	W001929	2	Caratterizzante	Lab medicine and integrated diagnostics
				MED/14	Nephrology	W001931	2	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
FIRST SEMESTER	Organ System Diseases 2: Kidney and	W001930	6	MED/24	Urology	W001932	2	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
	Genitourinary System	1		MED/08	Pathological Anatomy	W001933	2	Caratterizzante	Laboratory medicine and integrated diagnostics
	1	1	<u> </u>	14150/00	. acrosogical ralatority	***001333		acconegance	

FIRST SEMESTER	Mathematical Models in Medicine	W001934	5	ING-INF/06	Electronic and Computer Bioengineering		5	Base	Integrated biological functions of human organs and systems
ANNUAL	Publich health	W001935	3	MED/42	Hygiene, Public Health and Community		3	Caratterizzante	Human asianasa haalah nalisisa and haalah magaanan
				,	Medicine				Human sciences, health policies and health management
ANNUAL	Pharmacology	W001936	6	BIO/14	Pharmacological Basis of Therapeutics II		6	Caratterizzante	Pharmacology, toxicology and principles of medical therapy
			l	,				Į.	
SECOND SEMESTER	Data Science for Bioengineering	W001937	6	ING-INF/05	Information Processing Systems		6	Base	Integrated biological functions of human organs and systems
	1		I	MED/12	Gastroenterology	W001939	3	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
					Endocrinology	W001939	3	Caratterizzante	Physical activity and well-being medicine
	Organ System Diseases 3: Endocrine and				General Surgery and New Techiniques in				
	Gastrointestinal Systems, Nutrition and Metabolism	W001938	12	MED/18	Surgery: Minimally Invasive and Robotic				
					Surgery	W001941	2	Caratterizzante	Pathophysiology, clinical methodology, clinical preparatory and medical-surgical systematics
				MED/09	Internal Medicine	W001942	2	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
				MED/08	Pathological Anatomy	W001943	2	Caratterizzante	Laboratory medicine and integrated diagnostics
				MED/06	Oncology	W001945	3	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
FIRST SEMESTER	Oncology, Genetics and Internal Medicine	W001944	8	MED/03	Genetic Medicine	W001946	3	Caratterizzante	Interdisciplinary clinical education and evidence-based medicine
				MED/09	Internal Medicine (Immune System)	W001947	2	Caratterizzante	General medical-surgical clinic
			9	MED/26	Neurology	W001949	3	Caratterizzante	Neurological disciplines
FIDET CENACCTED	Clinical Navaranianasa and Mantal Harlth	14/001040		MED/37	Neuroradiology	W001950	2	Caratterizzante	Neurological disciplines
FIRST SEMESTER	Clinical Neurosciences and Mental Health	W001948		MED/27	Neurosurgery	W001951	2	Caratterizzante	Neurological disciplines
				MED/25	Psychiatry	W001952	2	Caratterizzante	Psych Clinic and Behavioral Disciplines
	T	1	1	MED/36	Dadialan, and lake making a Dadialan.	W001954		C	Built destant and an distriction of the destant and the stant and the st
				IVIED/36	Radiology and Interventional Radiology Nuclear Medicine, Radiotherapy, Radiobiology,	W001954	6	Caratterizzante	Radiological and radiotherapy disciplines
FIRST SEMESTER	New Radiology Diagnostic and Therapeutic Mo	W001953	13	MED/36	Radio protection	W001955	3	Caratterizzante	Radiological and radiotherapy disciplines
				ING-INF/06	Electronic and Computer Bioengineering	W001956	4	Base	Integrated biological functions of human organs and systems
			I						
		W001957			Oral Diseases	W001958	2	Caratterizzante	Medical-surgical clinic of the sense organs
SECOND SEMESTER	Head and Neck Diseases		6		Ophtalmology	W001959	2	Caratterizzante	Medical-surgical clinic of the sense organs
				MED/31	ORL	W001960	2	Caratterizzante	Medical-surgical clinic of the sense organs
				MED/17	Infectious Diseases	W001962	3	Caratterizzante	Comunity medicine
SECOND SEMESTER	Dermatology, Plastic Surgery and Infectious Diseases	W001961	8	MED/35	Cutaneous and Venereal Diseases	W001963	3	Caratterizzante	Clinic of medical-surgical specialties
				MED/19	Plastic Surgery	W001964	2	Caratterizzante	Clinic of medical-surgical specialties
				1				1	
		W001965		MED/33	Muscoloskeletal System Diseases	W001966	3	Caratterizzante	Medical-surgical clinic of the musculoskeletal system
SECOND SEMESTER	Bone and Joint and Technologies in Rehabilitat Patient Management		11		Physical and Rehabilitation Medicine	W001967 W001968	2	Caratterizzante Caratterizzante	Medical-surgical clinic of the musculoskeletal system
				ING-IND/34	Rheumatology Industrial Bioengineering	W001968 W001969	4	Base	Clinic of medical-surgical specialties Integrated biological functions of human organs and systems
				MED/09	Clinical Medicine and Medical and Molecular Th	W001989 W001971	5	Caratterizzante	General medical-surgical clinic
				MED/18	Clinical Surgery	W001371 W001972	3	Caratterizzante	General medical-surgical clinic
FIRST SEMESTER				BIO/12	Clin Biochemistry and Clin Molecular Biology	W001973	2	Caratterizzante	Laboratory and diagnostic-integrated medicine
				MED/05	Clinical Pathology	W001974	2	Caratterizzante	Lab and diagnostic-integrated medicine
			1		In 11 11 11 11 11 11 11 11 11 11 11 11 11				
FIRST CENASCES	Pediatrics, Ostetrics and Gynecology	14/004.075	8		Pediatric Medicine	W001976	3	Caratterizzante	Pediatric disciplines
FIRST SEMESTER		W001975		MED/20 MED/40	Pediatric Surgery Gynaecology and Obstetrics	W001977 W001978	3	Caratterizzante Caratterizzante	Pediatric disciplines Obstetric-gynecological disciplines, reproductive medicine and medical sexology
			I	IVILD/40	Cyniaecology and Obstetrics	MAD012/9	3	Caratterizzante	233564 - 257. CONOBIGA GISCIPITICS, reproductive medicine and medical sectorogy
	Healthcare Robotics and Active Ageing	W001979	9	MED/09	Geriatrics	W001980	3	Caratterizzante	General medical-surgical clinic
FIRST SEMESTER				MED/18	Clinical Geriatric Surgery	W001981	2	Caratterizzante	General medical-surgical clinic
				ING-INF/06	Electronic and Computer Bioengineering	W001982	4	Base	Integrated biological functions of human organs and systems
	T	1	l	MED/41	Anasthasialary	W001984	3	Carattarizzanta	Madical consists and appropriate
FIRST SEMESTER	Emergency and Life Support and Legal Medicine and Bioethics	W001983	13		Anesthesiology Medical Emergencies	W001984 W001985	2	Caratterizzante Caratterizzante	Medical-surgical emergencies Medical-surgical emergencies
					Surgical Emergencies	W001985 W001986	2	Caratterizzante	Medical-surgical emergencies Medical-surgical emergencies
				MED/43	Forensic Medicine	W001980 W001987	4	Caratterizzante	Medicine and public health and work environments and medico-legal sciences
					Occupational Medicine	W001988	2	Caratterizzante	Medicine and public health and work environments and medico-legal sciences
			L			.,001550		TI. Itterizzante	