



**UNIVERSITÀ DEGLI STUDI
DELL'INSUBRIA**

SCHOOL OF MEDICINE

**PROGRAMME DESCRIPTION
(TEACHING REGULATIONS)
MASTER'S DEGREE PROGRAMME
IN MEDICINE AND SURGERY (LM-41R)
A.Y. 2025/26**



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Art. 1 - General information and organization

The Master's Degree Programme in Medicine and Surgery, Class of Master's Degrees in Medicine and Surgery LM-41 R (attached to Ministerial Decree no. 1649 of 19-12-2023), is established according to the 2025 teaching regulations. It aims to train "competent physicians" equipped with basic scientific knowledge, theoretical and practical training, and the professional skills necessary to practice the medical profession. Graduates will be qualified to perform their duties in positions of responsibility across various professional roles and fields.

The primary objective of the Master's Degree is to provide the scientific, biomedical, healthcare, and clinical knowledge, as well as the multidisciplinary perspective, necessary to manage health and disease-related issues. The physician's training will also be geared toward health promotion and disease prevention for the individual, the community, and society at large.

The Degree Programme spans six years and is organized into basic scientific disciplines, disciplines concerning the physiopathological processes underlying disease, clinical disciplines, and public health. An essential part of the training process is the clinical internship, which takes place from the third to the sixth year, allowing students to consolidate essential theoretical knowledge and acquire clinical skills through practice at the patient's bedside. The clinical internship takes place in various departments under the guidance of tutors. It is organized to gradually build the necessary multidisciplinary competence while enabling the acquisition of practical skills. During the internship, the student also learns to interact empathetically and constructively with patients, family members, and healthcare staff.

In order to obtain the professional qualifying degree (as per Ministerial Decree 58/2018 and Legislative Decree 18/2020), the Degree Programme requires the completion of a practical evaluative internship during the sixth year.

The Master's Degree in Medicine and Surgery qualifies graduates to practice medicine immediately, or to continue their studies at specialization schools to become specialists in the fields of medicine, surgery, clinical diagnostic services, and public health, or to become General Practitioners by attending appropriate training courses. The Programme also qualifies the graduate to enroll, following a competitive exam, in clinical and preclinical PhD programmes, Masters, and advanced training courses.

The academic structure responsible for the Programme is the School of Medicine Education Office. The Programme President is Professor Matteo Tozzi. The relevant academic office is located on Via Ottorino Rossi in Varese and is open by appointment.

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Inquiries are managed via INFOSTUDENTI. This web application provides a communication channel with various University offices (including Student Services, Integrated Student Services – Right to Education Office, Orientation and Placement Services, and Academic Offices) and is available to students and external users. This system allows students to submit inquiries, receive responses, attach documents, and track the status of their requests.



Art. 2 - Admission to the Degree program

To be admitted to the Master's Degree in Medicine and Surgery, applicants must have a high school diploma or other equivalent qualification obtained abroad.

Pursuant to Law No. 26 of March 14, 2025, the admission procedure to the Master's Degree in Medicine and Surgery has been revised according to the following criteria:

- Open enrollment in the first semester ("filter semester");
- Completion of exams relating to the common qualifying subjects of the first semester (identified as no fewer than 18 ECTS-C or ECTS credits);
- Admission to the second semester is contingent upon obtaining all credits required in the first semester, as well as placing within the admitted quota in the national merit ranking.

Students who are not admitted will have the option to continue their studies—with recognition of the university credits earned—in a different degree programme within the biomedical, healthcare, pharmaceutical, or veterinary fields, which must be indicated as a second choice upon initial enrollment.

Art. 3 - Transfer procedures from other degree courses

Students previously enrolled at another university (incoming transfers, second degrees) may submit an application for the recognition of their previous academic career. The application must include the official syllabi of the exams taken; without these syllabi, the activities will not be recognized. Students previously enrolled in other programmes at the University of Insubria must also include the exam syllabi in their applications for recognition to facilitate prompt validation.

Applications for exam recognition will not be evaluated after enrollment. Students enrolled in or graduated from Italian, EU, or non-EU universities may apply for admission to years subsequent to the first, according to the procedures indicated in the Call for Applications published annually on the University website.

Art. 4 - Simultaneous enrollment in two study programs

Pursuant to Law No. 33 of April 12, 2022, "Provisions regarding simultaneous enrollment in two higher education programs," and subsequent Ministerial Decrees 930/2022 and 933/2022, students are permitted to enroll simultaneously in two programmes. Requests for dual enrollment will be evaluated by a dedicated programme committee following verification of admission requirements.

Art. 5 - The educational path

In accordance with current European Directives, the master's degree in medicine and surgery spans six years, consisting of at least 5,500 hours of theoretical and practical training conducted at or under the supervision of the University. The master's degree Programme in Medicine and Surgery provides a total of 360 University Educational Credits (ECTS), distributed over six years. Of these, at least 60 ECTS must be acquired through practical training aimed at developing specific professional skills (Professional Training Credits).



The Programme is divided into 12 semesters and includes no more than 36 integrated courses; the corresponding credits are assigned to specific scientific-disciplinary sectors within the University's curriculum, in compliance with the ministerial table of essential training activities (Ministerial Decree no. 1649 of 19-12-2023).

Practical-Evaluative Internship (TPV)

Of the credits allocated to professional development activities throughout the entire training programme, 15 credits must be assigned to the three-month Practical-Evaluative Internship (TPV). This internship is required to obtain professional qualification, pursuant to Article 3 of the Decree of the Minister of Education, University and Research of May 9, 2018, No. 58, as amended.

The aforementioned internship corresponds to at least 5 credits per month and is divided into the following periods, which may or may not be consecutive:

One month in the Surgical Area.

One month in the Medical Area, to be completed during the fifth and/or sixth year of the Programme;

One month in General Medicine, to be completed no earlier than the sixth year. Attendance periods cannot overlap.

Each credit assigned to the Practical-Evaluative Internship must correspond to at least 20 hours of professionally oriented teaching and no more than 5 hours of individual study.

Pursuant to Article 102, paragraph 1, of Legislative Decree No. 18/2020, the final exam for the master's degree in medicine and surgery is equivalent to the State Exam qualifying graduates to practice the medical profession, subject to the successful completion of the Practical-Evaluative Internship.

Credit Definition and Student Workload

Each ECTS credit for basic, characterizing, and integrative training activities, as well as those chosen by the student, corresponds to a student commitment of 25 hours. This includes up to 12 hours of teaching activity in the presence of or under the supervision of a professor (frontal lectures, small group sessions, guided self-study, discussion of clinical cases, and other teaching methods within the academic structure).

Given the high experimental and practical content of the following activities:

Each credit for professional teaching activity must correspond to 25 hours of instruction under the guidance of a tutor in small groups, within the teaching facility and/or in the local area;

Each credit for the thesis must correspond to 25 hours of activity within the teaching structure;

Each credit for the Practical-Evaluative Internship must correspond to at least 20 hours of professional teaching activity and no more than 5 hours of individual study.

Elective Activities

Pursuant to paragraph 6 of Article 3 of Ministerial Decree 1649 of 19-12-2023, the Programme ensures students full access to the training activities referred to in Article 10, paragraph 5, of Ministerial Decree no. 270 of October 22, 2004. A total of no fewer than 30 credits are reserved for these activities, of which no



fewer than 8 are for activities referred to in letter a) and no fewer than 12 for activities referred to in letter b).

Furthermore, while retaining no fewer than 8 credits for elective activities chosen freely by the student, the Master's Degree Programme reserves up to 8 credits for the student's own choice within the mandatory internship credits established for professional training activities. The activation of these credits represents a crucial step in the student's development, enabling greater self-awareness regarding their professional future and facilitating a thoughtful and confident choice regarding their postgraduate path.

Teaching Methodology and Integration

The teaching method adopted involves both horizontal integration (between different disciplines in the same semester or year) and vertical integration (connecting similar or complementary topics over several years). This method is based on a solid cultural and methodological foundation gained through the study of pre-clinical disciplines. It subsequently focuses primarily on problem-solving and decision-making skills, early patient contact, and the acquisition of a strong professional identity. It also emphasizes the acquisition of skills to manage common clinical problems and major emergencies, combining excellent clinical ability with empathetic interpersonal skills to truly "care for" the patient.

A highly integrated teaching programme has been designed to foster the student's ability to acquire knowledge in a cohesive rather than fragmented manner, ensuring long-term retention. Students will acquire all basic professional knowledge and skills in internal medicine, specialist medicine, general surgery, specialist surgery, and community medicine. They will develop the ability to critically assess health and illness from a holistic perspective, including the sociocultural dimension.

Practice-Based Learning

- Regarding "practice-based learning," the Programme's forward-looking vision includes:
- Increasing integration with the clinical context from the first to the sixth year;
- Clearly defined and growing student responsibility within the care process throughout their training;
- Increasing consideration of student collaboration within the National Health System;
- Recognition of students as "medical students in training," including the possibility of enrolling in ENPAM while studying;
- A strengthening link between "medical education" and "healthcare delivery".

Vertical Pathways and the "Spiral Curriculum"

The general organization of the Programme includes vertical paths that intersect and integrate, specifically:

- A "Biomedical" Vertical Path (Years 1-6): Organized according to the "inverted triangle" scheme regarding basic, preclinical, and clinical training, with clinical activities (Medical and Surgical Semiotics) beginning in the second year.

- A "Psycho-social" Vertical Path (Years 1-6): Dedicated to medical-scientific methodologies and human sciences. This includes bioethics, forensic medicine, epidemiology, hygiene, occupational medicine (Global Health, One Health), doctor-patient relationships, and inter-professional dynamics. It also covers gender medicine, aging, chronicity, disability, narrative medicine, psychology, sociology of health, and healthcare management.



These two major pathways are closely linked, following a "spiral curriculum" model. This involves critical re-examinations of the same topics with increasing degrees of complexity, leading to the formation of an "expert doctor".

According to international models, the "expert doctor" possesses:
Excellent knowledge of medicine and clinical practice (knowing what to do);
Excellent ability to execute clinical practice (doing the right thing at the right time);
Professional awareness and integrity (being the right person to do it).

Educational Objectives

The specific course content and training objectives are derived from the tasks assigned by society to the medical profession. These tasks coincide with the essential knowledge and skills identified by a shared core curriculum. Professionalizing credits must ensure the acquisition of essential skills linked to medical "know-how" and "being," as identified by the core curriculum.

The teaching project proposes a balance of vertical and horizontal integration between:

- Basic Sciences: Including evolutionary biology, molecular biology, genetics, and biological complexity, to understand the human organism and apply translational research.
- Pathology: Knowledge of disease processes and mechanisms for prevention, diagnosis, and therapy.
- Clinical Practice: Based on solid methodological foundations and extensive tutorial teaching to transform theoretical knowledge into personal experience and professional identity.
- Human Sciences: A tool for understanding the values of medical professionalism in relation to the patient and society.
- Scientific Methodology: Addressing health problems of individuals and communities, with attention to population and sex/gender differences.

Future-Oriented Vision

- The Programme's management includes a vision projected into the future, characterized by:
- Adapting the curriculum to real-world needs (Authentic Curriculum) rather than isolated academic excellence.
- Flexibility to allow for Adaptive Learning rather than a standardized path.
- Fostering Peer-to-Peer and Team-Based Learning to build collaboration and reduce isolation.
- Treating the student as a partner in the educational process, not merely a "customer".

Programme Delivery

The Programme is delivered in the "conventional" mode, pursuant to Ministerial Decree 1835 of 6/12/2024. The majority of teaching activities are carried out in person; for activities other than practical and laboratory work, up to one-third may be delivered online.

Attendance at lectures is mandatory. To take exams or obtain a certificate of eligibility, students must provide proof of attendance for all activities included in the training programme. Verification of attendance is the responsibility of each professor. For the professional internship, the Practical-Evaluative Internship, and Elective Teaching Activities (ADE), 100% attendance is required, with the possibility of making up attendance for justified absences.



Internship Regulations and Objectives

An essential part of the training process is the Professional Internship, which takes place from the second to the sixth year. This internship allows students to consolidate essential clinical and theoretical knowledge and learn how to apply it in clinical practice at the patient's bedside. The internship is conducted in various departments under the guidance of tutors and is organized to gradually build the necessary multidisciplinary competence while enabling the acquisition of practical skills. During the internship, the student also learns to interact empathetically and constructively with patients, family members, and healthcare staff.

The Degree Programme has appointed a professor as the internship coordinator who, supported by administrative staff, provides students with the necessary assistance to ensure the internship is conducted effectively.

Practical-Evaluative Internship (TPV)

To obtain the qualifying degree (as per Ministerial Decree 58/2018 and Legislative Decree 18/2020), the Degree Programme requires the completion of a Practical-Evaluative Internship (TPV) in the 6th year.

Specifically—pursuant to Art. 3 of Ministerial Decree no. 58 of May 9, 2018; Art. 102 of Legislative Decree no. 18 of March 17, 2020; and Rectoral Decree no. 346 of May 13, 2020—the Practical-Evaluative Internship:

- Is aimed at assessing the student's medical skills, which consist of applying biomedical and clinical knowledge to medical practice, resolving issues of professional ethics, demonstrating the ability to solve clinical problems (in medicine, surgery, and related specialties, laboratory and instrumental diagnostics, and public health), and applying principles of effective communication;
- Lasts a total of three months and is completed no earlier than the fifth year of the course, provided that all fundamental exams relating to the first four years have been passed;
- Corresponds to at least 5 ECTS credits per month (each credit reserved for the internship must correspond to at least 20 hours of professional teaching activity and no more than 5 hours of individual study). It is divided into: one month in the Surgical Area, one month in the Medical Area, and one month specifically dedicated to General Medicine (the latter to be completed no earlier than the sixth year in a General Practitioner's office);
- Is considered passed only if a suitability assessment ("Idoneità") is achieved for each of the three periods.

Hospital Network

For professional training, including the Practical-Evaluative Internship and optional internships chosen by the student, the Programme utilizes the departments of the five hospitals within the Insubria university network, as well as additional hospital facilities in the provinces of Varese and Como and in the Canton of Ticino.

Clinical Skills Objectives

A. Medical and Surgical Internships

At the end of the medical and surgical internships, the student must have achieved the following professional skills:

- Implementation of good practices in the doctor-patient relationship (interviewing, building rapport, providing information clearly, obtaining consent);



- Ability to take a medical history and perform a physical examination in an outpatient setting;
- Application of clinical reasoning: ability to identify priority/urgent problems versus secondary ones, propose diagnostic hypotheses, and identify diagnostic tests with the highest sensitivity and specificity to confirm or exclude hypotheses;
- Interpretation of laboratory tests;
- Interpretation of diagnostic imaging results;
- Management of decision-making processes regarding pharmacological and non-pharmacological treatment;
- Ability to complete hospitalization admission/discharge reports and discharge letters;
- Evaluation of the appropriateness of hospitalization indications and identification of rehabilitation or protected care pathways;
- Ability to frame the reason for hospitalization within the context of chronic conditions, critical issues, and patient frailty;
- Indication of prevention and health education actions;
- Knowledge and awareness of the National and Regional Health Service organization;
- Adherence to shift schedules, appropriate professional attire, and possession of necessary equipment;
- Compliance with department rules and correct interaction with medical, nursing, and technical staff;
- Active participation and willingness to perform activities.

B. General Medicine Internship

At the end of the internship with the General Practitioner, the student must have achieved the following professional skills:

- Implementation of good practices in the doctor-patient relationship, including managing the reception and structuring the consultation;
- Ability to take a history and perform a physical examination in outpatient and home settings;
- Application of clinical reasoning to identify the reason for the request and the nature/priority of the problem;
- Evaluation of emergencies and identification of the need for hospitalization;
- Proposal of diagnostic hypotheses and identification of appropriate first-level diagnostic tests;
- Interpretation of laboratory and diagnostic imaging tests;
- Management of decision-making processes regarding prescription and requests for specialist advice;
- Monitoring of patient adherence to therapy and planning of follow-up;
- Management of chronic patients with comorbidities and polypharmacy;
- Use of electronic medical records and National/Regional Health Service information systems;
- Indication of prevention actions, health promotion, and lifestyle advice;
- Adherence to schedules, appropriate attire, and collaborative attitude with office staff.

Correspondence between ECTS and Hours

The University Educational Credit (ECTS) measures the learning volume, including individual study, required for a student with adequate initial preparation to acquire knowledge and skills. Each ECTS corresponds to 25 hours of student commitment.



Training Activities / ECTS Values:

- Lectures (Frontal Teaching): Up to a maximum of 12 hours/ECTS (of which max. 4 hours interactive teaching);
- Exercises: Up to a maximum of 12 hours/ECTS;
- Educational Laboratories: Up to a maximum of 16 hours/ECTS;
- Seminars: Up to a maximum of 12 hours/ECTS;
- Elective Teaching Activity (ADE): At least 20 hours/ECTS, up to a maximum of 25 hours/ECTS;
- Professional Internship: 25 hours/ECTS;
- Practical-Evaluative Internship (Qualifying): 25 hours/ECTS (of which 5 hours individual study).

Activity Definitions:

- Frontal Lectures: The primary teaching activity where the student attends the lecture given by the professor and independently processes the content;
- Exercises: Activities clarifying lesson content through application; typically associated with lessons and not independent;
- Workshops/Seminars/ADE: Lessons taught by experts using practical in-depth methodology and active student participation;
- Internships: A fundamental element of professional preparation. The Programme includes a Professional Internship (years 2–6) and a Qualifying Practical Internship (year 6) for a total of 15 ECTS reserved for the TPV.

Verification of Training Activities

Assessment methods are detailed in the course syllabi and may be written or oral. To take exams, students must be up-to-date with tuition fees, have passed preparatory exams (prerequisites), and possess all required attendance certificates. Exam registration is conducted exclusively online, where the system verifies the student's academic record.

Prerequisites (Propedeuticità) and Barriers

Any prerequisites and/or barriers

For the purposes of admission to the course exams, students are required to comply with the following mandatory requirements:

MUST BE PASSED THE COURSE INTEGRATED OF:	BEFORE TAKING THE INTEGRATED COURSE OF :
- HISTOLOGY	- HUMAN ANATOMY 2
- BIOCHEMISTRY 2 - HUMAN ANATOMY 2	- PHYSIOLOGY OF ORGANS AND SYSTEMS
- GENERAL PATHOLOGY AND IMMUNOLOGY - MEDICAL AND SURGICAL SEMIOTICS - MICROBIOLOGY	- MEDICAL PATHOLOGY 2 - SURGICAL PATHOLOGY 2 - PHARMACOLOGY - PSYCHIATRY AND CLINICAL PSYCHOLOGY - NEUROLOGY AND NEUROSURGERY - SENSORY ORGAN DISORDERS



<ul style="list-style-type: none">- GENERAL PATHOLOGY AND IMMUNOLOGY- MEDICAL AND SURGICAL SEMIOTICS	<ul style="list-style-type: none">- LABORATORY MEDICINE- DERMATOLOGY AND PLASTIC SURGERY- MEDICINE AND HEALTH PUBLIC
<ul style="list-style-type: none">- PATHOLOGY MEDICA 2- PATHOLOGY SURGICAL 2	<ul style="list-style-type: none">- PATHOLOGICAL ANATOMY 2- RADIOLOGY PART II- LEGAL AND LABOR MEDICINE- GYNECOLOGY AND OBSTETRICS- ORTHOPAEDIC CLINIC AND TRAUMATOLOGY
<ul style="list-style-type: none">- PATHOLOGICAL ANATOMY 2- PHARMACOLOGY	<ul style="list-style-type: none">- PAEDIATRICS- MEDICAL CLINIC 2- SURGICAL CLINIC 2- MEDICAL -SURGICAL EMERGENCIES

There are some prerequisites which, although not mandatory, are recommended for a more functional study path:

<ul style="list-style-type: none">- MICROBIOLOGY	<ul style="list-style-type: none">- LABORATORY MEDICINE- DERMATOLOGY AND PLASTIC SURGERY- MEDICINE AND PUBLIC HEALTH
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Enrollment in years subsequent to the first year with a "Regular" status is conditional upon obtaining all attendance certificates for the Integrated Courses of the previous academic year. Students lacking attendance certificates will be enrolled as "Repeater." Furthermore, enrollment in the second, third, and fourth years with a "Regular" status is conditional upon not having more than three exams outstanding in total from previous years by the final exam session (last day of February), excluding exams that result in a grade of eligibility.

Students who have more than three exams to pass at the beginning of the academic year will be enrolled in the following academic year as "Conditional" and will be able to lift this reservation by the last day of February. If, by that date, the student still has more than three exams in total left from previous years, he or she will be relegated to the intermediate "Out of Course" position of the previous year.

Students enrolled outside the prescribed timeframe will not be able to attend classes or take exams for the following academic year. Any exams taken and attendance earned by students enrolled under the condition that they do not obtain regular enrollment by the last day of February will be canceled.

Enrollment in the 5th and 6th year of the course in "Regular" status is not subject to any exam debt.

Art. 6 - Graduation exam

To be admitted to the final exam, students must have earned all the credits for the educational activities planned in the study plan and required by the academic regulations and have passed all the exams and qualifications, including those related to the internship.

The final exam, which is equivalent to a State Exam (12 ECTS), consists of the drafting, presentation, and discussion in a public session before a Commission of an original thesis. This aims to demonstrate the acquisition of specific scientific skills in the medical-surgical field and the ability to critically elaborate, under the supervision of a professor of the Degree Programme as a supervisor.



-The presentation includes:

- Purpose of work;
- Methods used;
- Results obtained;
- Discussion of the results (including comparison with literature, clinical implications, and potential future developments).

The candidate uses computer tools and programmes for a more immediate, concise, and clear presentation. In the final exam, the candidate must demonstrate in-depth knowledge and full judgment in the areas that define the chosen study path.

Examination Commission

The Commission is composed of at least five faculty members from the Degree Programme. Pursuant to Article 1, paragraph 3, letter f) of Legislative Decree No. 233 of September 13, 1946, as amended by Law No. 3 of January 11, 2018, it includes a representative of the relevant professional association to verify the proper completion of the final qualifying exam.

The Commission evaluates the candidate based on:

- Curriculum vitae;
- Scientific preparation;
- Ability to delve deeper and integrate different disciplines;
- Critical thinking and communication skills.

Scoring System

The final score is established by the Commission, taking into account the originality of the thesis, the quality and effectiveness of the presentation, and the preparation demonstrated by the candidate.

To determine the degree grade, the weighted average of the grades obtained in the curricular exams will be taken into account, to which the score assigned by the examination commission will be added.

The score awarded by the Commission will be structured as follows:

- 5 points for a compilation thesis;
- 9 points for a non-compilatory (experimental) thesis, to which 1 point will be added if the degree is obtained during the sixth year.

Furthermore, additional points may be added for:

- 1 point for students who have spent a period abroad with the Erasmus programme;
 - Up to 2 points for academic honors (0.30 for each Cum Laude obtained in the course of study);
 - Up to 5 points for students who have joined the "Scientific Research Training Programme for Medical Students".
- Honors (Cum Laude) To be awarded honors, the following are required:
- Honors in at least 2 curricular exams;
 - Unanimous agreement of the commission.



The schedule of sessions with the registration procedures for the final exam is available on the website, on the page dedicated to the Degree Programme.

Diploma Supplement

Upon graduation, a Diploma Supplement is issued. This informative report accompanies the official qualification and describes the nature, level, context, content, and status of the studies undertaken and completed by the student. It is issued in both Italian and English. The document complies with the Europass standard.

ATTACHMENTS

Annex 1 – Study Plan



ANNEX 1 - STUDY PLAN

SCHEDULED TEACHING - 2025/2026 COHORT

Scheduled teaching refers to the set of courses planned for the entire study program, which must be taken by all students enrolling in the current academic year (enrollment cohort) in order to complete their studies and obtain their qualification.

1st YEAR								
SEM	INTEGRATED COURSE / SUBJECT	SUBJECT	SSD	DISCIPLINARY AREA / T A F	ECT S-C	TEACHING HOURS DISTRIBUTION	INTERACTIVE TEACHING HOURS	VERIFICATION METHOD *
1 sem. filter	PHYSICS	PHYSICS	FIS/07	General disciplines for the doctor training /B_01	6	75	//	V
1 sem. filter	CHEMISTRY AND BIOCHEMISTRY PROPAEDEUTICS	CHEMISTRY AND BIOCHEMISTRY PROPAEDEUTICS	BIO/10	Structure, function, and metabolism of molecules of biological interest /B_02	6	75	//	V
1 sem. filter	BIOLOGY	BIOLOGY	BIO/13	General disciplines for the doctor training /B_01	6	75	//	V
2	HUMAN GENETICS	HUMAN GENETICS	MED/03	General disciplines for the doctor training /B_01	3	24	12	V
2	HISTOLOGY	HUMAN CYTOLOGY AND HISTOLOGY	BIO/17	Human Morphology /B_03	4	32	16	V
		EMBRYOLOGY	BIO/17	Human Morphology /B_03	2	16	8	
		MICROSCOPIC HISTOLOGY	BIO/17	Human Morphology /B_03	1	8	4	
2	MEDICAL STATISTICS	MEDICAL STATISTICS	MED/01	General disciplines for the doctor training /B_01	3	24	12	V
2	BIOCHEMISTRY 1	BIOCHEMISTRY 1	BIO/10	Structure, function, and metabolism of molecules of biological interest /B_02	6	48	24	F
2	HUMAN ANATOMY 1	HUMAN ANATOMY 1	BIO/16	Human Morphology /B_03	8	64	32	F

2nd YEAR								
SEM	INTEGRATED COURSE / SUBJECT	SUBJECT	SSD	DISCIPLINARY AREA / T A F	ECT S-C	TEACHING HOURS DISTRIBUTION	INTERACTIVE TEACHING HOURS	VERIFICATION METHOD *
1	BIOCHEMISTRY 2	BIOCHEMISTRY 2	BIO/10	Structure, function and metabolism of molecules of biological interest /B_02	5	40	20	V
1	HUMAN ANATOMY 2	CLINICAL AND TOPOGRAPHICAL ANATOMY	BIO/16	Human Morphology /B_03	8	64	32	V
1	PHYSIOLOGY OF THE CENTRAL AND PERIPHERAL NERVOUS SYSTEM	PHYSIOLOGY OF THE CENTRAL AND PERIPHERAL NERVOUS SYSTEM	BIO/09	Integrated Biological Functions of Human Organs, Systems, and Apparatus /B_04	5	40	20	F



TO	GENERAL PATHOLOGY AND IMMUNOLOGY	IMMUNOLOGY	MED/04	General and molecular pathology, immunopathology, general pathophysiology, microbiology and parasitology /C_01	4	32	16	V
		GENERAL PATHOLOGY	MED/04	General and molecular pathology, immunopathology, general pathophysiology, microbiology and parasitology /C_01	5	40	20	
		PATHOPHYSIOLOGY	MED/04	General and molecular pathology, immunopathology, general pathophysiology, microbiology and parasitology /C_01	2	16	8	
2	PHYSIOLOGY OF ORGANS AND SYSTEMS	PHYSIOLOGY OF ORGANS AND SYSTEMS	BIO/09	Integrated Biological Functions of Human Organs, Systems, and Apparatus /B_04	5	40	20	V
2	MEDICAL AND SURGICAL SEMIOTICS	MEDICAL SEMIOTICS	MED/09	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics /C_02	3	24	12	V
		SURGICAL SEMIOTICS	MED/18	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics /C_02	3	24	12	
		CLINICAL PSYCHOLOGY 1 - COMMUNICATION AND DOCTOR-PATIENT RELATIONSHIP	M-PSI/08	Clinical Psychiatry and Behavioral Disciplines / C_04	1	8	4	
2	INTERNSHIP 1	BLOOD SAMPLES AND PATIENT APPROACH	//	Internships for training and orientation /F	2	50		I

3rd YEAR

SEM	INTEGRATED COURSE / SUBJECT	SUBJECT	SSD	DISCIPLINARY AREA / T A F	ECT S-C	TEACHING HOURS DISTRIBUTION	INTERACTIVE TEACHING HOURS	VERIFICATION METHOD *
TO	MICROBIOLOGY	MICROBIOLOGY 1	MED/07	General and molecular pathology, immunopathology, general pathophysiology, microbiology and parasitology /C_01	4	32	16	V
		MICROBIOLOGY 2	MED/07	General and molecular pathology, immunopathology, general pathophysiology, microbiology and parasitology /C_01	4	32	16	
2	LABORATORY MEDICINE	BIOCHEMICAL-CLINICAL ANALYSIS	BIO/12	Laboratory and diagnostic medicine integrated / C_03	3	24	12	V
		CLINICAL MICROBIOLOGY	MED/07	Laboratory and diagnostic medicine integrated / C_03	2	16	8	
1	PREPARATORY COURSE IN DIAGNOSTIC IMAGING	PREPARATORY COURSE IN DIAGNOSTIC IMAGING	MED/36	Laboratory and diagnostic medicine integrated /C_03	1	8	4	V
1	MEDICINE AND PUBLIC HEALTH	HYGIENE AND PREVENTIVE MEDICINE	MED/42	Medicine and public health and occupational health and forensic sciences /C_16	2	16	8	V
		EPIDEMIOLOGY	MED/42	Medicine and public health and occupational health and forensic sciences /C_16	1	8	4	
		COMMUNITY MEDICINE	MED/42	Community medicine and primary palliative care /C_17	1	8	4	
		GLOBAL HEALTH	MED/42	Medicine and public health and occupational health and forensic sciences /C_16	1	8	4	
2	MEDICAL PATHOLOGY 1	BLOOD DISEASES	MED/15	Clinic of Medical-Surgical Specialties / C_06	2	16	8	F



		GASTROENTEROLOGY	MED/09	Clinic of Medical-Surgical Specialties / C_06	2	16	8	
		ENDOCRINOLOGY, DIABETOLOGY AND TESTS	MED/13	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics / C_02	3	24	12	
		RHEUMATOLOGY	MED/16	Clinic of Medical-Surgical Specialties / C_06	1	8	4	
		NEPHROLOGY	MED/14	Similar or complementary training activities / C	2	16	8	
2	SURGICAL PATHOLOGY 1	SURGICAL PATHOPHYSIOLOGY	MED/18	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics / C_02	3	24	12	F
		DIGESTIVE SYSTEM SURGERY	MED/18	General Medical and Surgical Clinic /C_09	2	16	8	
1	DERMATOLOGY AND PLASTIC SURGERY	PLASTIC SURGERY	MED/19	Clinic of medical specialties surgical /C_06	2	16	8	V
		DERMATOLOGY	MED/19	Clinic of medical specialties surgical /C_06	2	16	8	
1	RESEARCH METHODOLOGY PART 1	GOOD LABORATORY PRACTICE AND SAFETY IN BIOMEDICAL RESEARCH LABORATORIES - PRECLINICAL TRIALS	BIO/14	Similar or complementary training activities /C	1	8	4	F
		ENGLISH FOR MEDICINE	L-LIN/12	Human Sciences, Health Policy and Management, and English Language/C_20	2	16	8	
2	RESEARCH METHODOLOGY PART 2	DRUG TRIALS	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	4	V
		GUIDELINES	MED/09	Similar or complementary training activities /C	1	8	4	
		EVIDENCE BASED MEDICINE AND CLINICAL TRIAL	MED/09	Interdisciplinary Clinical Training, Evidence-Based Medicine, and Precision Medicine/C_19	1	8	4	
		APPLIED MEDICAL STATISTICS AND THE BASICS OF ARTIFICIAL INTELLIGENCE	MED/01	Similar or complementary training activities /C	2	16	8	
TO	INTERNSHIP 2	INTERNSHIP 2	//	Internships for training and orientation /F	12	300		I

4th YEAR

SEM	INTEGRATED COURSE / SUBJECT	SUBJECT	SSD	DISCIPLINARY AREA / T A F	ECTS-C	TEACHING HOURS DISTRIBUTION	INTERACTIVE TEACHING HOURS	VERIFICATION METHOD *
1	MEDICAL PATHOLOGY 2	CARDIOLOGY AND ECG	MED/10	Clinic of medical specialties surgical / C_06	3	24	12	V



		RESPIRATORY SYSTEM DISEASES	MED/10	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics /C_02	2	16	8	
		CLINICAL PATHOPHYSIOLOGY	MED/09	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics /C_02	2	16	8	
		ANGIOLOGY	MED/09	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics /C_02	1	8	4	
1	SURGICAL PATHOLOGY 2	CARDIAC SURGERY	MED/23	Clinic of medical specialties surgical / C_06	2	16	8	V
		VASCULAR SURGERY	MED/22	Clinic of medical specialties surgical / C_06	2	16	8	
		THORACIC SURGERY	MED/21	Clinic of medical specialties surgical / C_06	2	16	8	
1	INFECTIOUS DISEASE CLINIC	INFECTIOUS DISEASE CLINIC	MED/17	Pathophysiology, clinical methodology, clinical propaedeutics and medical-surgical systematics /C_02	3	24	12	V
		CLINICAL SIMULATION OF INFECTIOUS DISEASES	MED/17	Similar or complementary training activities /C	1	8	4	
1	BIOETHICS, DEONTOLOGY AND HISTORY OF MEDICINE	BIOETHICS	MED/43	Similar or complementary training activities /C	1	8	4	V
		MEDICAL ETHICS	MED/43	Similar or complementary training activities /C	1	8	4	
		HISTORY OF MEDICINE	MED/02	Human Sciences, Health Policies, and Health Management /C_20	1	8	4	
2	PSYCHIATRY AND CLINICAL PSYCHOLOGY	PSYCHIATRY	MED/25	Clinical psychiatry from the discipline of behavior / C_04	4	32	16	V
		EMERGENCY PSYCHIATRY	MED/25	Medical-surgical emergencies / C_15	1	8	4	
		CLINICAL PSYCHOLOGY 2 – MEDICAL PSYCHOLOGY	M- PSI / 08	Interdisciplinary clinical training based on evidence based medicine / C_19	1	8	4	
		CLINICAL PSYCHOLOGY 3 – THEORIES AND METHODS OF CLINICAL PSYCHOLOGY	M- PSI / 08	Interdisciplinary clinical training and evidence-based medicine / C_19	2	16	8	
2	PATHOLOGICAL ANATOMY 1	ANATOMY AND PATHOLOGICAL HISTOLOGY	MED/08	Anatomopathological disciplines and anatomical-clinical correlations /C_13	5	40	20	F
		MOLECULAR PATHOLOGY	MED/08	Interdisciplinary clinical training and evidence-based medicine / C_19	1	8	4	
TO	PHARMACOLOGY	GENERAL PHARMACOLOGY	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	4	V
		PHARMACOKINETICS	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	2	16	8	
		PHARMACOGENETICS	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	4	
		CELLULAR AND MOLECULAR PHARMACOLOGY	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	4	
		PHARMACOLOGY OF INFLAMMATION AND PAIN	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	5	
		NEUROIMMUNOPHARMACOLOGY	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	4	



		CHEMOTHERAPY	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	2	16	10	
		NEUROPSYCHOLOGY-PHARMACOLOGY	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	5	
		TOXICOLOGY	BIO/14	Pharmacology, toxicology and principles of medical therapy /C_10	1	8	4	
2	RADIOLOGY PART I	RADIOLOGY (X-ray, CT, MRI)	MED/36	Radiology and radiotherapy disciplines/C_14	3	24	15	F
TO	INTERNSHIP 3	INTERNSHIP 3	//	Internships for training and orientation /F	15	375		I

5th YEAR								
SEM	INTEGRATED COURSE / SUBJECT	SUBJECT	SSD	DISCIPLINARY AREA / T A F	ECT S-C	TEACHING HOURS DISTRIBUTION	INTERACTIVE TEACHING HOURS	VERIFICATION METHOD *
1	PATHOLOGICAL ANATOMY 2	ANATOMY AND PATHOLOGICAL HISTOLOGY	MED/08	Anatomopathological disciplines and anatomical-clinical correlations /C_13	5	40	24	V
		CYTOPATHOLOGY	MED/08	Interdisciplinary Clinical Training and Evidence-Based Medicine and Precision Medicine/C_19	1	8	5	
1	RADIOLOGY PART II	INTERVENTIONAL RADIOLOGY AND ULTRASOUND	MED/36	Radiology and radiotherapy disciplines/C_14	1	8	5	V
		RADIOTHERAPY	MED/36	Radiology and radiotherapy disciplines/C_14	1	8	5	
		NUCLEAR MEDICINE	MED/36	Radiology and radiotherapy disciplines/C_14	1	8	5	
1	ORTHOPAEDIC AND TRAUMATOLOGY CLINIC	ORTHOPEDICS	MED/33	Medical-surgical clinic of the respiratory system locomotive /C_08	2	16	10	V
		TRAUMATOLOGY	MED/33	Medical-surgical clinic of the respiratory system locomotive /C_08	2	16	10	
		PHYSICAL MEDICINE AND REHABILITATION	MED/34	Medical-surgical clinic of the respiratory system locomotive /C_08	2	16	10	
1	NEUROLOGY AND NEUROSURGERY	NEUROLOGY	MED/26	Neurological disciplines /C_05	2	16	10	V
		NEUROLOGICAL EMERGENCIES	MED/26	Neurological disciplines /C_05	1	8	5	
		NEUROSURGERY	MED/27	Neurological disciplines /C_05	2	16	10	
1	PATHOLOGY OF THE SENSORY ORGANS	DENTISTRY	MED/28	Medical-surgical clinic of the sense organs/ C_07	2	16	10	V
		OTORHINOLARYNGOLOGY	MED/31	Medical-surgical clinic of the sense organs/ C_07	2	16	10	
		OPHTHALMOLOGY	MED/30	Medical-surgical clinic of the sense organs/ C_07	2	16	10	
		MAXILLOFACIAL SURGERY	MED/29	Medical-surgical clinic of the sense organs/ C_07	1	8	5	



1	LEGAL AND OCCUPATIONAL MEDICINE	FORENSIC MEDICINE	MED/43	Medicine and public health and occupational health and forensic sciences /C_16	1	8	5	V
		CRIMINOLOGY	MED/43	Medicine and public health and occupational health and forensic sciences /C_16	1	8	5	
		FORENSIC PSYCHOPATHOLOGY	MED/43	Medicine and public health and occupational health and forensic sciences /C_16	1	8	5	
		OCCUPATIONAL MEDICINE	MED/44	Medicine and public health and occupational health and forensic sciences /C_16	3	24	15	
2	PAEDIATRICS	PAEDIATRICS	MED/38	Paediatric disciplines /C_11	5	40	24	V
		NEUROPSYCHIATRY CHILDISH	MED/39	Paediatric disciplines /C_11	2	16	10	
2	GYNECOLOGY AND OBSTETRICS	GYNECOLOGY AND OBSTETRICS	MED/40	Obstetrics and gynecology, reproductive medicine, and medical sexology /C_12	5	40	24	V
		OBSTETRIC PATHOLOGY	MED/40	Obstetrics and gynecology, reproductive medicine, and medical sexology /C_12	2	16	10	
2	MEDICAL CLINIC 1	INTERNAL MEDICINE	MED/09	General Medical and Surgical Clinic /C_09	3	24	15	F
		MEDICAL THERAPY	MED/09	General Medical and Surgical Clinic /C_09	3	24	15	
		DIGITAL HEALTH	MED/09	Similar or complementary training activities /C	1	8	5	
2	SURGICAL CLINIC 1	GENERAL SURGERY	MED/18	Clinic general medical And surgical /C_09	3	24	15	F
		INNOVATIVE TECHNIQUES IN SURGERY	MED/24	Similar or complementary training activities /C	1	8	5	
		UROLOGY	MED/24	Interdisciplinary Clinical Training and Evidence-Based Medicine and Precision Medicine/C_19	2	16	10	
TO	INTERNSHIP 4	INTERNSHIP 4	//-	Internships for training and orientation /F	15	375		I
TO	STUDENT'S CHOICE INTERNSHIP (5th year)			Internship of the student's choice (art.6, Ministerial Decree 1649/2023)/F	4	100		I

6th YEAR

SEM	INTEGRATED COURSE / SUBJECT	SUBJECT	SSD	DISCIPLINARY AREA / TAF	ECTS-C	TEACHING HOURS DISTRIBUTION	INTERACTIVE TEACHING HOURS	VERIFICATION METHOD *
1	MEDICAL CLINIC 2	INTERNAL MEDICINE	MED/09	Interdisciplinary Clinical Training, Evidence-Based Medicine, and Precision Medicine/C_19	3	24	15	V
		GERIATRICS AND GERONTOLOGY	MED/09	Interdisciplinary Clinical Training and Evidence-Based Medicine and Precision Medicine/C_19	2	16	10	
		MEDICAL GENETICS	MED/03	Interdisciplinary Clinical Training and Evidence-Based Medicine and Precision Medicine/C_19	2	16	10	
		FAMILY MEDICINE	MED/09	Community Medicine and Primary Care /C_17	2	16	10	
		ONCOLOGY	MED/06	Interdisciplinary Clinical Training and Evidence-Based Medicine and Precision Medicine/C_19	2	16	10	



		SIMULATION IN MEDICAL CLINIC	MED/09	Activity formative similar or integrative /C	2	10	40	
1	SURGICAL CLINIC 2	GENERAL SURGERY	MED/18	Interdisciplinary Clinical Training, Evidence-Based Medicine, and Precision Medicine/C_19	2	16	10	V
		THORACIC SURGERY	MED/21	Interdisciplinary Clinical Training, Evidence-Based Medicine, and Precision Medicine/C_19	2	16	10	
		VASCULAR SURGERY	MED/22	Interdisciplinary Clinical Training, Evidence-Based Medicine, and Precision Medicine/C_19	2	16	10	
		SENOLOGY	MED/18	Interdisciplinary Clinical Training, Evidence-Based Medicine, and Precision Medicine/C_19	2	16	10	
		SIMULATION IN THE SURGICAL CLINIC	MED/18	Activity formative similar or integrative /C	2	10	40	
1	MEDICAL AND SURGICAL EMERGENCIES	ANESTHESIA AND RESUSCITATION	MED/41	Medical-surgical emergencies /C_15	2	16	10	V
		PAIN THERAPY AND PALLIATIVE CARE	MED/41	Medical-surgical emergencies /C_15	1	8	5	
		INTENSIVE CARE	MED/41	Medical-surgical emergencies /C_15	2	16	10	
		EMERGENCY SURGERY AND FIRST AID	MED/18	Medical-surgical emergencies /C_15	1	8	5	
		EMERGENCY MEDICINE AND EMERGENCY ROOM	MED/09	Medical-surgical emergencies /C_15	2	16	10	
		ADVANCED BASIC LIFE SUPPORT	MED/41	Activity formative similar or integrative /C	1	8	5	
TO	PRACTICAL EVALUATION INTERNSHIP	SURGICAL AREA PRACTICAL EVALUATION INTERNSHIP	//	Internships for training and orientation /F	5	125 of which 25 are individual study		I
		MEDICAL AREA PRACTICAL EVALUATION INTERNSHIP	//	Internships for training and orientation /F	5	125 of which 25 are individual study		
		GENERAL MEDICINE AREA PRACTICAL EVALUATION INTERNSHIP	//	Internships for training and orientation /F	5	125 of which 25 are individual study		
TO	ELECTIVE EDUCATIONAL ACTIVITIES	ELECTIVE EDUCATIONAL ACTIVITIES	//	Student's Choice /D	8	200		I
TO	INTERNSHIP OF STUDENT'S CHOICE (6th year)			Internship chosen by the student (art.6, Ministerial Decree 1649/2023)/F	4	100		I
TO	CLINICAL SKILLS		//	Final exam /E2	2	50		I
TO	FINAL TEST	FINAL TEST	//	Final exam /E1	10	250		V
		TOTAL		WITH INTERNSHIPS AND FINAL EXAM	360	5500		34 EXAMS

* G – JUDGMENT V – EXAM I – SUITABILITY F – ATTENDANCE PP - PARTIAL EXAM

A – Annual 1 – First semester 2 – Second semester