

## **HUMANITAS UNIVERSITY**

# ACADEMIC REGULATIONS OF THE MASTERS OF SCIENCE IN NURSING AND MIDWIFERY (LM/SNT1)

Approved by the Academic Senate on 19/02/2020

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#### **Introduction - Scope of application**

These Regulations, governing the Masters of Science in Nursing and Midwifery, are drawn up in accordance with the provisions of Art. 11 of Ministerial Decree 270/04, the Ministerial Decrees of January, 8<sup>th</sup>, 2009, and the Humanitas University Academic Regulations.

In accordance with the freedom of teaching and the rights and obligations of teaching staff and students, these Regulations lay down the organizational aspects of the Masters of Science in Nursing and Midwifery, in analogy with the related academic specifications, as defined in the University's academic regulations, in compliance with Class LM/SNT1 of the Masters of Science in "Healthcare, Nursing and Obstetric Professions", referred to in the Ministerial Decree of January 8<sup>th</sup>, 2009, to which the program refers.

#### *Art.1 - Learning objectives*

The Masters of Science in Nursing and Midwifery aims to provide graduates with an advanced preparation to work in highly qualified positions, pursuant to Art. 6 Paragraph 3, of the Ministerial Decree of October 22<sup>nd</sup>, 2004, n. 270.

The Masters of Science in Nursing and Midwifery aims to train healthcare professionals with specialist skills in clinical care, able to respond to patients' health problems. Students will develop preventive, educational, clinical, rehabilitative and palliative skills, thanks to the acquisition of disciplinary and non-disciplinary methodologies, in the field of training, management and research, in order to gain the knowledge and the skills to efficiently work in the social-health systems and to provide nursing care with an integrated approach.

Graduates will be able to use their specialised skills to manage patients' health problems. The knowledge acquired during the masters of science will enable them to take an active part in the planning, management, development and innovation of the healthcare area, applying new organisational methods that will integrate national standards and the needs of the community with those of the European Union.

The learning objectives include the acquisition of knowledge deriving from the core disciplinary fields, the professionalising activities and the additional activities.

The masters of science focuses on the development of knowledge and skills in the fields of: health economics, management and organisation, scientific research and use of evidence, statistics, epidemiology, ethics and English language.

At the end of the two-year program, graduates of the Masters of Science in Nursing and Midwifery, will be able to carry out in professional autonomy activities aimed at prevention, care and protection of individual and collective health, in the area of primary care and public health and in the area of surgery.



#### Art. 2 Employment opportunities

- 1. After obtaining the qualification, the masters of science graduates will have the professional qualifications to work as specialists in the conduction of care projects or as expert collaborators in the field of nursing, epidemiological and clinical research. They will also be able to take up the roles of expert managers and professionals in public and private services, at hospital, territorial and community level, for the management of patients. In addition, they may work in the training field and for the improvement of the quality of services, with particular reference to the surgical field or primary care and public health.
- 2. The Masters of Science in Nursing and Midwifery also provides the legal requirement for competing for managerial positions in Health Services and for the role of Director of Professional Education in the degree courses of the same class.
- 3. The graduate may access further training and professional refresher courses, 1st and 2nd level Masters and Research Doctorates.

#### *Art. 3 - Access to the masters of science*

Access to the masters of science is scheduled at a national level, pursuant to Law no. 264 of August  $2^{nd}$ , 1999.

The number of places available is defined annually by a Decree of the Ministry of, University and Research (MUR), taking into account a survey carried out by the University regarding the available resources and the educational and clinical facilities, as well as the needs for healthcare personnel of the Class professional profile established by the Lombardy Region and the competent Ministry.

To be admitted to the masters of science, candidates must possess the curricular requirements and show an adequate preparation, pursuant to Art. 6, Paragraph 2 of Ministerial Decree no. 270 of 2004 and Art. 6 of the Ministerial Decree of January 8<sup>th</sup>, 2009, in compliance with Law n. 1 of 2002.

To be admitted to the masters of science, candidates must possess one of the following qualifications:

- First- cycle degree awarding the licence to practice one of the nursing professions included in the Masters of Science class;
- University qualification (Diploma Universitario) awarding the licence to practice one of the nursing professions included in the Masters of Science class;
- Qualification (Titolo) awarding the licence to practice one of the nursing professions included in the Masters of Science class, pursuant to Law n. 42/1999.

Students who meet the curricular requirements can be admitted to the masters of science after passing an admissions test aimed at assessing their preparation. The admissions test is a written test with multiple-choice answers. The methods and contents of the test are set out in the annual call for admissions.

Enrolment on the admissions test is carried out through the procedure on the University website. Enrolment takes place based on the ranking list resulting from the written admission test. Students who will obtain a First-Cycle degree in the corresponding class by the autumn session of the academic year preceding the year of enrolment in the Masters of Science will be admitted to the selection process with reserve.

The procedures for choosing and accessing the two study pathways are described in the annual call for admissions.



#### Art.4 - Academic specifications

- 1. The academic specifications of the Masters of Science in Nursing and Midwifery, established in accordance with current legislation, are an integral part of these academic regulations, for the purpose of identifying the objectives of individual courses and assigning credits to them
- 2. The list of courses which make up the curriculum of the Masters of Science in Nursing and Midwifery, the number of university credits, as well as an indication of the scientific-disciplinary sectors, are shown in Table I, which forms an integral part of these Regulations.

#### Art.5 - Duties of teaching staff

Acceptance of the teaching duties by all the teaching staff of the masters of science entails the observance of duties in line with procedures specific to higher education, in compliance with the Academic Regulations of the Masters of Science in Nursing and Midwifery, as well as participation in all activities related to the teaching that is the object of the assignment, including participation in commissions for the final exams as well as in Teaching Committees.

#### *Art.6 – Members of staff and Roles*

The course provides for specific members of staff and roles in order to meet the organisational, training and quality requirements of the Masters of Science.

- President: chairs the Teaching Committee, convenes it in accordance with the procedures laid down in the university academic regulations and supervises teaching activities;
  - Coordinator of the Masters of Science: helps and collaborates with the President of the program in order to analyse, define, organise and develop the teaching and learning activities, proposing strategies and actions for improvement and continuous evaluation, with the support of the university tutors;
- University Tutors: they collaborate with the coordinator of the masters of science in the organisation and running of the teaching and learning activities as well as the clinical training placement. They belong to the professional profiles pertaining to the class of the Masters of Science Program and must hold a Masters of Science qualification in the relevant class. Their assignment may overlap with other assignments. The university tutors organise and supervise laboratory and clinical training activities with the assistance of clinical tutors;
- Clinical tutors: professional experts in the professional, managerial or training areas, identified in the accredited clinical training placement structures, who guide and support the student during the clinical training placement. Clinical tutors will participate in specific events and training courses.

#### *Art.7 - University credits (CFU)*

1. The University credit (CFU) is the unit of measurement of the study workload, including individual study, required of the student for the completion of each learning activity defined by the academic program to obtain the qualification.



- 2. Each credit corresponds to a 25-hour student workload, of which at least 50% must be individual study, except in cases where the learning activities are of a highly practical or experimental nature.
- 3. Each credit assigned to the various learning activities can correspond to:
  - a. 12 hours dedicated to lectures or equivalent teaching activities; the remaining 13 hours for individual study;
  - b. 20 hours dedicated to exercises or equivalent theoretical-practical training activities, the remaining 5 hours for personal reflective study;
  - c. 20 hours of individual practice of professionalizing clinical training placement; the remaining 5 hours for personal reflective study.

The Masters of Science in Nursing and Midwifery lasts two years and provides a total of 120 university credits. During the learning pathway, depending on the chosen training area (Primary Care and Public Health Area or Surgical Area) the student will be able to acquire specific professional skills which, based on the study plan, correspond to 61 CFU (Integrated Clinical Plans I and II, Clinical Training Placement and Laboratory Activities). The students acquire the university credits corresponding to each course by passing the relevant exam.

4. Upon completion of the studies, with the acquisition of 180 credits, a Masters of Science in Nursing and Midwifery is awarded.

#### Art.8 - Teaching and learning methods and activities

1. The Masters of Science uses the following types of teaching and learning activities: *Lectures*: discussion of a specific topic identified by a title, carried out by one or more teaching staff in the classroom and addressed to all students.

Active teaching methodologies: Active learning provides alternative ways that see the student involved in their own learning process. Specifically, this is an interactive activity, addressed to small groups of students and coordinated by a tutor, which aims to help the students acquire technical and behavioral knowledge and skills. Learning occurs mainly through analysis of problems and mobilization of the methodological skills necessary for their solution and the taking of decisions, as well as through direct and personal implementation of actions (gestural and relational) within the context of practical training exercises and/or the attending of clinical departments, outpatient clinics, and territorial facilities.

*Interactive lessons*: the classic lecture is integrated with moments of self-study and discussion with classmates and professionals who are experts in the field; the use of case-problems to be solved taken from the clinical care reality is preferred.

Seminars: training and dissemination meetings by intra- and extra-professional experts at local, national and international level;

*Relational workshops*: development of transversal skills (life skills) regarding the relationship with the patient and a multidisciplinary team.

*Skill lab*: practical training workshops on the development of technical skills, including advanced ones, through simulations with mannequins for nursing practice.

Clinical training placement: Direct assistance of patients in an extraordinarily complex and multidisciplinary clinical care situation with the direct supervision of expert nurse tutors



High-fidelity simulation: replication within a simulated and safe setting of real clinical cases in order to experiment with technical, decision making and critical thinking skills. Within the scenario, the student is immersed in a highly emotional context, in which he/she is responsible for the clinical course of the assisted person (simulator), who will respond to the actions and decisions taken. The methodology uses high-tech simulators that can faithfully reproduce all the clinical conditions that might occur.

It is a highly reflexive training strategy in which learning is developed from the experience within the simulation session and fixed in the debriefing at the end of the session. The main non-technical skills developed in simulation are: leadership, communication, stress management, fatigue management, situational awareness, decision making, team building and team management.

#### Art.9 – Curricular courses

- 1. Mono-disciplinary or integrated curricular courses may be divided over one or more semesters and can include, in addition to lectures and/or seminars, also a variety of non-formal teaching.
- 2. Integrated curricular courses, even if divided over several semesters and/or held by several teaching staff members, also belonging to different scientific disciplinary sectors, give rise to a single integrated exam with a single mark expressed out of thirty.

#### Art.10 - Clinical training placements

- 1. The Academic Regulations of the Masters of Science in Nursing and Midwifery, pursuant to current legislation, provide for a total of 30 university credits for clinical training placements, as indicated in the study plan, divided into 5 university credits in the first year and 25 university credits in the second year.
- 2. In addition to affiliated healthcare facilities, the coordinator of the masters of science can propose non-university, hospital and/or community care facilities to the University bodies, where the clinical training placement can be carried out after evaluation of the structure's subject knowledge and a consequent agreement being signed.
- 3. Clinical training placement activities are carried out under the guidance and responsibility of the nurse tutors.
- 4. The clinical training placement is an indispensable method of learning professional skills, through practical training and the integration of theoretical-scientific knowledge with professional and organizational practice.
- 5. Attendance of clinical training placement mandatory and irreplaceable is certified by the nurse tutor, who assesses and documents the levels of competence progressively achieved by the student on an appropriate evaluation form.
- 6. At the end of each year of the program, the student must take the clinical training placement exam, which gives rise to an evaluation expressed out of thirty.
- 7. The activities which students carry out during their clinical training placement must not and cannot substitute the work of the facility's staff.

#### Art.11 - Learning activities chosen by the student: elective courses

- 1. The Teaching Committee usually approves a "calendar for the presentation and subsequent participation in elective courses" valid for the current academic year.
- 2. Elective activities may consist of seminars, clinical training placement, participation in conferences/congresses and other international training programs.



- The seminars take place in the periods established annually by the calendar.
- The conventions and congresses necessarily follow the schedule arranged by the organizers of the chosen event and therefore they can be attended by students throughout the year.
  - 4. Students can freely choose how to distribute the acquisition of 6 credits over the course of their academic pathway.
  - 5. Enrollments on elective courses by interested students are carried out in compliance with the timing provided in the calendar referred to in paragraph 2, only electronically through the university's information service.
  - 6. At the end of the elective course, students who have achieved at least 75% attendance will be issued with a certificate of attendance and the consequent acquisition of the credits envisaged for the activity carried out.

#### Art.12 - Learning activities to prepare for the final exam

- 1. To be allowed to take the final exam, the student must have prepared a thesis under the guidance of a supervisor.
- 2. The student who intends to prepare a thesis must submit a formal request to the coordinator of the masters of science, who evaluates the proposed topic and entrusts a teaching member of the program, possibly indicated by the student, with the responsibility of guiding him/her in the work. This teaching member plays the role of supervisor at the discussion during the final exam.
- 3. For the preparation of the final thesis, should the student intend to abandon the initially agreed project or change the proposed supervisor, he/she must notify the coordinator of the masters of science and submit a new application in the manner indicated above (Paragraph 2).
- 4. The final exam consists in the discussion of an experimental or theoretical thesis, concerning the indepth study of clinical issues supported by the managerial, training, professional and applied research tools acquired during the masters of science, giving evidence of the ability to integrate knowledge.

#### Art.13 - Compulsory attendance

- 1. Attendance of all theoretical and practical teaching activities envisaged by the academic program is compulsory.
- 2. In order to be allowed to take the relevant exam, the student must have attended at least 75% of the teaching envisaged for each single-disciplinary or integrated course, as a whole. It is the responsibility of the President of the Masters of Science with the collaboration of the Student Office to verify that the student has complied with the attendance requirements.
- 3. In the event of failing to achieve 75% attendance, the student must refer to the integrated course coordinator who, after consultation with the teaching staff, will examine the case and agree on any additions or remedial measures required for admission to the exam, which cannot be sat in the first available date.
- 4. Mandatory attendance of professionalizing activities cannot be replaced. The total number of hours of professionalizing activities per annum is to be understood as those scheduled annually. Absences from professionalizing activities, for any reason, must be made up by the student, after programming by the coordinator of the masters of science.
- 5. Infringements and conduct aimed at falsifying documents relating to one's own or another person's university career are considered disciplinary offenses and give rise to the application of sanctions.



#### Art. 14- Assessment of Learning

- 1. In accordance with the University's academic regulations, each single-disciplinary or integrated curricular course gives rise to one and only one individual exam, whose mark is expressed out of thirty.
- 2. A minimum score of 18/30 is required to pass the exam. The award of cum Laude, in addition to the maximum mark of 30/30, is subject to the assessment of the Commission.
  - 3. In addition to the final exam, the following are possible:
  - a) *continuous assessments* aimed exclusively at detecting the effectiveness of the learning and teaching processes in relation to particular objectives, without a registered mark;
  - b) *mid-term assessments* aimed at ascertaining the learning of the topics covered. These assessments give rise to a mark/grade out of 30 and allow the student who has passed them not to prepare the topics on which he/she has already been examined for the final exam. Nonetheless, in such circumstances, it is possible for the teaching staff member to make references also to those subjects that have already been passed.
  - Both types of assessment are optional.
- 4. In accordance with the statutory regulations, exam commissions are appointed by the Rector on a proposal of the President of the program and the coordinator of the Masters of Science and are made up of at least 2 teaching staff members.
- 5. The assessment methods (oral exams, written exams and practical exams, etc.) are defined by the teaching staff responsible for each integrated course and must be communicated to the students upon delivery of the course program (syllabus) at the beginning of the academic year. The contents of the exam must conform to the programs published.
- 6. Oral exams must be public, and written ones must include the possibility of verification by the student.
- 7. In the case of written exams, the student is allowed to withdraw within 15 minutes from the beginning of the exam; in the case of oral exams, withdrawing from the exam can take place up to the moment before the recording of the final exam result.
- 8. The exam commission is required to notify the student of the evaluation of the exam before proceeding to record the grade. The student has the right to refuse the proposed grade by withdrawing.
- 9. If the assessment is related to an integrated course, the teaching staff in charge of the disciplines/modules participate collectively in the overall assessment of the student's achievement and contribute to the final grade in proportion to the credits of their module.
- 10. A student who has not passed an exam may apply for a subsequent session provided that at least two weeks have passed. A student who has registered for an examination but fails to appear without giving a 48-hour notice is not allowed to enrol on the following exam date.
- 11. The recording of the examination by the commission must always be carried out even in the event of a failure or withdrawal by the student, respectively with the annotation of "fail" or "withdrawn". In these cases, the registration has exclusively statistical purposes and does not lead to certification in the student's academic record.

#### Art.15 - Exam periods and sessions

- 1. Exams are held after the conclusion of the relevant courses, in specific periods defined annually by the Teaching Committee. During these periods, professionalizing clinical training placement activities can still be carried out.
- 2. The dates of the exams are set at least 60 days in advance. The calendar must be agreed between the teaching staff of the courses of the same semester in order to avoid overlaps, and also to facilitate the students' use of the sessions as much as possible. Before being published, the calendar of exams

must be communicated to the Director of the Department who verifies its congruity with the principles set out above.

- 3. The duration of each session must be such as to allow all students who have planned to do so to take the exam in that session. Exams with a limited number of students are not allowed.
- 4. Once set, the starting date of a session cannot be brought forward.
- 5. Without prejudice to the provisions regarding attendance and prerequisite obligations, an exam may be taken in any examination period starting from the one immediately following the end of the related course.

Art.16 - Career progression, repeat students and students outside the prescribed course timeframe

In order to ensure a balanced career progression consistent with professional training, the following preparatory steps are envisaged:

- 1. Students who have not passed more than three exams by the end of the academic year of each course year, must enroll as repeat students or, if enrolled in the second year, as a student outside the prescribed course timeframe.
- 2. The condition of repeat student lasts for an entire academic year and may only be modified starting from the academic year following regularization of the position.

Repeat students are normally required to attend again the learning activities envisaged by the academic regulations for the year of the course they are enrolled in (as a repeat student), in order to pass the exams or tests still missing from their university career.

#### Art.17 - Final exam and graduation

- 1. To be admitted to the final degree exam, the student must have acquired 114 credits, including those awarded for the knowledge of a foreign language.
- 2. The degree is awarded after passing the final exam.
- 3. The final exam is based on the discussion of a thesis written in an original manner by the student under the guidance of a supervisor; a co-supervisor may be appointed.
  - 4. The definition of the degree score, expressed in one hundred and tenths, is determined as follows:
    - Curricular studies (weighted averages of the entire CV) out of 110
    - Points awarded by the Graduation Committee.
- 5. The minimum score to be admitted to the final exam is 66/110.

The maximum score attributable by the Graduation Committee is 10 points.

6. If the final score reaches 110/110, the Degree Committee may decide to award cum Laude.



#### Art.18 - Validity of former study credits

Students who interrupt their enrollment in the masters of science for eight consecutive academic years, or who have not complied with the attendance requirements for eight consecutive academic years, or who have failed to pass exams for eight consecutive academic years, may submit an application to the Student Office for validation of previously acquired credits. This request is evaluated by a specific commission appointed by the teaching committee who will present the proposal to the department committee.

Students who are outside the prescribed course timeframe have no attendance obligations but must pass the exams missing from their university career by the deadlines determined by the teaching committee. Otherwise, the courses already attended can no longer be considered current and the credits acquired no longer valid for the qualification required by the program attended.

In such cases, the teaching committee will determine the new academic programs required to be awarded the degree.

Repeat students or students who are outside the prescribed course timeframe lose the status of a student enrolled in the masters of science if they have not passed any of the exams required by the Regulations for eight consecutive academic years.



#### Art.19 - Recognition of studies completed at other universities or on other degree programs

- 1. Students who intend to apply for recognition of studies completed at other universities or on other degree programs must submit a specific application to the Student Office, following the procedure published on the university website and attaching the program together with a detailed list of the exams for which they are seeking validation. In the case of integrated courses, the scientific disciplinary sectors and the credits relating to each discipline must also be specified. Failure to submit complete documentation will result in non-validation of the previous studies.
- 2. Students who intend to request recognition as elective courses of acquired experiences related to the specific program, as well as validation of certification relating to the study plan, must apply to the Student Office, following the procedure published on the university website and attaching the relevant documentation. Experiences and certification dating back to 5 years from the date of the validation request shall not be taken into consideration.
- 3. The qualifications presented by the student are evaluated by a special commission appointed by the Department Committee.

#### Art.20 - Evaluation of teaching effectiveness and efficiency

The Masters of Science in Nursing and Midwifery, like all the other degree programs of the University, through the Course Quality Assurance Coordinator, and in accordance with the University Evaluation Committee, carries out verification of the efficiency and effectiveness of its training offer, with particular regard to:

- organizational efficiency of the degree program and its academic bodies;
- quality and quantity of services made available to students;
- ease of access to information relating to every area of the teaching activity;
- effectiveness and efficiency of teaching with reference to both formal and non-formal theoretical activities and professionalizing clinical training placement activities;
- the teaching performance of academic staff based on students' evaluation questionnaires;
- the organization of tutorial assistance for students;
- the average academic performance of the students, determined on the basis of their regular progression in their curriculum and the results achieved in their academic program.
- anonymity is guaranteed when collecting feedback questionnaires.

Art.21 – Joint teacher-student committee



The joint teacher-student committee is responsible for evaluating correspondence of the results obtained with the learning and service objectives, using surveys expressing the students' opinions and other available institutional sources.

In particular, it evaluates:

- the expected learning outcomes and skills to ensure satisfaction of employment prospects;
- the effectiveness of teaching and learning activities, teaching and examination methods, equipment and the logistics system;
- the effectiveness of corrective actions and the transparency of the information published on the degree programs;

The committee is made up of an equal number of teaching staff and students, designated according to procedures defined by specific regulations, ensuring that the student component is adequately representative.

The committee draws up an annual report containing proposals to improve the quality and effectiveness of the teaching structures, also in relation to learning outcomes, employment prospects, and personal and professional development, as well as the needs of the economic and production system.

The elaboration of the proposals takes place after monitoring the competence indicators referred to in Article 12, paragraph 4, of Legislative Decree no. 19/2012, and also on the basis of questionnaires or interviews with students, who must be made aware of the University's quality assurance system.

The report of the joint teacher-student committee is sent to the University Quality Assurance Unit and the evaluation committee by December 31<sup>st</sup> of each year.

#### *Art.22 – Working students*

In order to facilitate the learning pathway of working students and allow them to attend the lectures, lessons are scheduled only on certain days of the week, including evening hours; the procedures are explained in the annual planning of the Masters of Science. In addition, a limited number of students has the possibility of fragmenting the program, attending the courses and paying the fees for only one semester per academic year. The procedures are set out in a specific call.



# Table I Learning Activities

Year	Available period	Learning activity	UC	SSD/ module	UC SSD	Disciplinary field
	I semester	FUNDAMENTALS AND DEVELOPMENT OF THE NURSING		MED/45General Nursing Sciences, General Clinics and Pediatrics	3	Nursing Sciences
1			6	MED/47 Obstetrical and Gynaecological Nursing	1	Obstetrical Sciences
		PROFESSION		SECS-P/08 Economics and business management	2	
				M-PSI/01 General Psychology	1	Propaedeutic sciences
				M-PSI/03 Psychometrics	1	Humanities and psycho-pedagogical sciences
	I semester	HUMAN SCIENCES IN SUPPORT OF COMMUNITY NURSING	8	SPS/07 General Sociology	1	Humanities and psycho-pedagogical sciences
1				M-FIL/03 Moral Philosophy	1	Humanities and psycho-pedagogical sciences
				M-DEA/01 Demoethnoanthropologi cal disciplines	1	Anthropological, pedagogical and psychological dimensions
				SPS/08 Sociology of cultural and communication processes	1	Anthropological, pedagogical and psychological dimensions
				General Nursing Sciences, General Clinics and Pediatrics MED/45	2	Nursing Sciences
1	I semester	ENGLISH	3		3	
				MED/45General Nursing Sciences, General Clinics and Pediatrics	1	Obstetrical Sciences
	II semester	RESEARCH, SCIENTIFIC EVIDENCE AND EVALUATION SYSTEMS FOR HEALTHCARE ACTIVITIES	9	General Nursing Sciences, General Clinics and Pediatrics MED/45	2	Nursing Sciences
1				General Nursing Sciences, General Clinics and Pediatrics MED/45	1	
		2020 02 10 B		MED/01 Medical	1	Statistics and epidemiology

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				Statistics		
				INF/01 Computer Science	1	Propaedeutic sciences
				SECS-S/02 Statistics for experimental and technological research	3	Computer science applied to health management
1	II semester	ECONOMY AND BUSINESS SCIENCES AND BUSINESS ORGANISATION	10	IUS/07 Labour Law	2	Health management sciences



	1		I	1		
				SECS-P/07Business economics	3	Law and economics
				MED/45General Nursing Sciences, General Clinics and Pediatrics	1	
				M-PSI/06 Work and organisational psychology	2	Health management sciences
				SECS-P/10 Corporate organisation	2	Health management sciences
				BIO/14 Pharmachology	1	Biomedical Sciences
				MED/03 Medical genetics	1	Biomedical Sciences
				MED/05 Clinical pathology	1	Biomedical Sciences
1	Annual	INNOVATIVE METHODOLOGIES IN DIAGNOSIS AND TREATMENT	7	MED/09 Internal Medicine	1	Nursing Sciences
'	IN DIAGNOSIS AND		'	MED/18 General Surgery	1	First aid
				MED/38 General and specialised paediatrics	1	Nursing Sciences and pediatrics
			MED/45General Nursing Sciences, General Clinics and Pediatrics	1	Nursing Sciences and pediatrics	
1	Annual	LABORATORIES	2		2	Laboratories
1	Annual	CLINICAL TRAINING PLACEMENT I YEAR	5	MED/45 General Nursing Sciences, General Clinics and Pediatrics MED/47Obstetrical and Gynaecological Nursing	5	
TOTA	AL I YEAR				50	
	NURSING IN PREVENTIVE HEALTH CARE	r PREVENTIVE	4	MED/45General Nursing Sciences, General Clinics and Pediatrics	1	Prevention and health services
2				MED/36 Diagnostic imaging and radiotherapy	1	Prevention and health services
				MED/44 Occupational medicine	1	Prevention and health services
			MED/42 General and applied hygiene	1	Statistics and epidemiology	
		INTEGRATED		MED/06 Medical Oncology	2	Biological, medical and surgical



2	I semester	CLINICAL PLANS (COMMUNITY	26			sciences			
		CARE AND PUBLIC HEALTH)		MED/34 Physical and rehabilitation medicine	2	Biological, medical and surgical sciences			
							MED/45General Nursing Sciences, General Clinics and Paediatrics	2	



				MED/41 Anaesthesiology	2	First aid	
				BIO/09 Physiology	2	Biological, medical and surgical sciences	
				MED/45General Nursing Sciences, General Clinics and Pediatrics	8	Nursing sciences	
				MED/17 Infectious diseases	2		
				MED/09 Internal medicine	4		
				MED/26 Neurology	2		
				MED/06 Medical Oncology	2	Biological, medical and surgical sciences	
	I semester	INTEGRATED CLINICAL PLANS (SURGERY)	26	MED/34 Physical and rehabilitation medicine	2	Biological, medical and surgical sciences	
2				26	MED/45General Nursing Sciences, General Clinics and Paediatrics	2	
				MED/41 Anaesthesiology	2	First Aid	
					BIO/09 Physiology	2	Biological, medical and surgical sciences
				MED/45General Nursing Sciences, General Clinics and Paediatrics	8	Nursing sciences	
				MED/18 General Surgery	4		
				MED/31 ENT	2	Biological, medical and surgical sciences	
				MED/27 Neurosurgery	2		
2	Annual	LABORATORIES	3		3	Laboratories	
2	Annual	CLINICAL TRAINING PLACEMENT II YEAR	25	MED/45General Nursing Sciences, General Clinics and Paediatrics	25		
TOTAL II YEAR							
TOT.					108		



Elective activities	6	Chosen by the student
Final exam	6	For the final exam
TOTAL CFU	120	