



**University of Naples- Federico II**

**School of Medicine and Surgery**

**Educational regulation of  
the master's degree course**

**in**

**"Sciences of the Health Professions of Prevention"**

**Class of Master's degrees in the sciences of the Health Professions of prevention LM/SNT4**

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## 1. Definition of specific training objectives

Graduates of the master's degree in the health professions of prevention, in accordance with article 6, paragraph 3 of the legislative decree of 30 December 1992, n. 502, and subsequent amendments and additions and pursuant to the law of 10 August 2000, n. 251, article 1, paragraph 1, possess advanced cultural and professional training to intervene with high skills in the assistance, management, training and research processes in one of the areas pertinent to the various health professions included in the class (environmental prevention technician and in the workplace, health assistant).

Graduates who have acquired the necessary scientific knowledge, ethical values and professional skills relevant to the professions in the field of prevention and have further deepened the study of the discipline and specific research, at the end of the training course are able to express skills advanced assistance, educational and preventive in response to the priority health problems of the pediatric, adult and geriatric population and to quality problems of services. On the basis of the knowledge acquired, they are able to take into account, in the planning and management of personnel in the healthcare area, both the needs of the community, and the development of new methods of organizing work, both technological innovation and information technology, including with reference to the forms of tele-assistance or teledidattica, both in the planning and organization of pedagogical-training interventions as well as the homogenization of the operational standards to those of the European Union.

Graduates, also following the experience gained through an adequate professional activity, develop an integrated approach to the organizational and management problems of the health professions, qualified by the mastery of the techniques and procedures of health management, respecting their and others' competences. The acquired methodological knowledge also allows them to intervene in the training and research processes peculiar to the aforementioned areas.

The skills of graduate students in the class include:

- apply the basic knowledge of the sciences relevant to the specific professional figure necessary to make decisions regarding the organization and management of health services provided by personnel with prevention functions in the medical area, within low-complexity, average or high;
- use the skills of health economics and business organization necessary for the organization of health services and for the management of available human and technological resources, evaluating the cost / benefit ratio;
- supervise specific sectors of the health organization for prevention;
- use research methods and tools in the area of health services organization;
- apply and evaluate the impact of different theoretical models in the operation of the organization and management of health services;
- plan the optimization of the various types of resources (human, technological, informative, financial) available to healthcare facilities of low, medium and high complexity;
- planning and carrying out training interventions for the updating and permanent training related to the healthcare structures of reference;

- develop teaching skills for the specific professional figure in the field of tutoring activities and coordination of the training in basic, complementary and permanent training;

- communicate clearly on organizational and health problems with its collaborators and users;
- critically analyze the ethical and deontological aspects of health care professions, also from a perspective of multi-professional integration.

Graduates in the class, according to the aforementioned training courses, must have gained in the degree course specific training experiences corresponding to their professional profile, in particular:

-in the professional sphere of prevention in the environment and in the workplace, according to the Ministerial Decree of the Ministry of Health of 17 January 1997, n. 58 and subsequent amendments and additions, must be able to assume responsibility, within their competence, of all prevention, verification and control activities in the field of hygiene and environmental safety in the areas of life and work, hygiene food and drink, public health and veterinary hygiene; to operate in services with inspection and supervisory duties, being, within the limits of their powers, judicial police officers; to carry out preliminary activities, aimed at issuing authorizations or technical-health clearance for activities subject to control; to instruct, determine, challenge and notify detected irregularities and formulate opinions within their competences; to monitor and control the living and working environments and evaluate the need

to carry out investigations and investigations for occupational accidents and illnesses;  
to monitor and check the compliance of facilities and environments in relation to the activities connected to them and the safety conditions of the plants; to monitor and control the quality of food and beverages intended for food from production to consumption and to evaluate the need for subsequent specialized investigations; to monitor and control veterinary hygiene and health, within the scope of their competence, and assess the need to proceed with subsequent investigations; to supervise and control cosmetic products; to collaborate with the judicial administration for investigations into crimes against environmental heritage, hygiene and safety conditions in the workplace and on food; to monitor and control anything else required by laws and regulations regarding health and environmental prevention, within their competence; to carry out their activities with professional technical autonomy and collaborate with other professionals in the planning and organization of work activities of the structure in which they operate; to take responsibility for the organization of the planning, execution and quality of the acts performed in the exercise of their professional activity; to participate in study, teaching and professional advice in health services and in places where their professional competence is required; to contribute to the training of staff and to contribute directly to the updating of their professional profile and research; to carry out their professional activity, in dependency or freelance, within the national health service, in all the prevention, control and supervision services required by current legislation;

-in the professional field of health care, according to the Ministerial Decree of the Ministry of Health of 17 January 1997, n. 69 and subsequent amendments and additions, must be able to supervise the prevention, promotion and education for health, addressing the person, the family and the community; to identify the health needs and the priorities of preventive, educational and recovery intervention; to identify health needs based on epidemiological and socio-cultural data; to identify biological and social risk factors and to take responsibility for implementation and solution and for campaigns for health promotion and education; to contribute to the training and updating of health and education workers as regards the methodology of health education; to intervene in family planning programs and health, sexual and socio-affective education; to implement specific family support interventions, to activate network resources also in collaboration with general practitioners and other operators in the area and to participate in family therapy programs; to monitor, as far as they are competent, the sanitary conditions in families, schools and assisted communities and control the hygiene of the environment and of the risk of infection; to report and report to the competent authorities and propose operational solutions; to operate within the centers jointly or alternatively with health education services, in public relations offices; to collaborate, as far as they are competent, to health promotion and education in schools; to take part in the initiatives to evaluate and improve the quality of health services performance, noting, in particular, the levels of approval by users; to contribute to initiatives aimed at protecting citizens' rights with particular reference to health promotion; to participate in the activities organized in departmental form, both district and hospital, with inter-branch fitting functions, with particular regard to the departments intended to implement the target-projects identified by national, regional and local health planning; to carry out their functions with professional autonomy also through the use of specific techniques and tools; to carry out didactic-training activities and consultancy services, where their professional competence is required; to act both individually and in collaboration with other health, social and educational workers, availing, where necessary, of the work of support staff; to contribute to the training of support staff and directly contribute to the updating of their professional profile; to carry out their professional activity in public or private structures, in dependency or freelance.

Graduates in the class acquire, in the entire training course of the individual professions, the ability to:

- know the principles of economic analysis and the basic notions of the public and business economy;
- know in depth the essential elements of the company organization with particular reference to the field of health services;
- to know the principles of public law and administrative law applicable to relations between administrations and users involved in health services;
- know the essential elements of human resource management, with particular reference to health issues;
- know the main techniques of business organization and the optimization processes of the use of human, IT and technological resources;
- appropriately apply organizational analysis and management and expenditure control in healthcare facilities;
- verify the application of the results of the research activities in relation to the continuous improvement of the quality of the assistance;
- correctly perform the analysis and cost accounting for the management of facilities that provide medium-high complexity health services;

- apply cost / effectiveness, cost / benefit-benefit analysis methods and quality control methods;
- know the essential methodological elements of epidemiology;
- detecting changes in costs in health services according to integrated planning and management control;
- appropriately use indicators of effectiveness and efficiency of health services for specific pathologies and groups of diseases;
- identify the essential components of the organizational and management problems of prevention health personnel in medium or high complexity structures;
- know the rules for the protection of workers' health (in particular radiation protection);
- operate in compliance with the main laws governing the health organization, as well as ethical standards and professional responsibility;
- know and apply appropriate techniques for individual and group communication and the management of interpersonal relationships with patients and their families;
- identify environmental risk factors, assess their health effects and set up protective measures in the workplace;
- deepen knowledge on the functioning of health services in other countries;
- managing work groups and applying appropriate strategies to foster professional and organizational multi-integration processes;
- acquire the method for independent study and lifelong learning;
- perform a systematic bibliographic search, also through databases, and the relative periodic updates;
- critically carry out the reading of scientific articles;
- to develop research and teaching, as well as to deepen staff management strategies regarding the specific professional figure;
- achieve a high level of both written and spoken knowledge of at least one language of the European Union;
- acquire computer skills useful for the management of computerized services systems, and for self-training processes;
- carry out traineeship experiences in specialized health and training services in Italy or abroad, with progressive assumption of responsibility and professional autonomy.

In particular, graduates in the class, depending on the different training courses and previous work experience, must achieve the following skills:

- collaborate with other professional figures and with the administrations in charge for any initiative aimed at improving the professional activities of the healthcare sector in relation to individuals and communities, to simple and complex systems of prevention and territorial assistance;
- plan and supervise the professionalism of graduates, ensuring them continuous technical and scientific growth, as well as maintaining a high level of personal motivation;
- participate in the control of the burn-out syndrome, implementing initiatives aimed at maintaining high work satisfaction;
- plan and organize, also guaranteeing the management, integrated procedures, interdisciplinary and inter-professional, of preventive health intervention and territorial assistance;
- cooperate in the design of specifically dedicated building structures;
- take care of the organization of work, facilitating the maintenance of high levels of inter-professional cooperation;

- implement initiatives to involve families and other social groups, aimed at encouraging the development of an increasingly greater social awareness of the problems of prevention and health care and education;
- maintain constant international relations with the respective social and health structures, especially in the European Union, with the aim of encouraging maximum standardization of intervention levels.

## **2. Admission to the Specialized Degree Course**

### ***a) Access programming***

They can be admitted to the Master's Degree Course (Bachelor of Science) in the Health Professions of Prevention without training debts candidates who are in possession of the degree of the class of health professions included in the class ("Prevention Techniques in the Environment and

Places of Work "and / or" Health Assistant ")

May be admitted to the Master's Degree Program, with educational debts, candidates who are in possession of:

- 1) one of the three-year university degrees corresponding to the degrees in the class.
- 2) or equivalent qualification preceding the Ministerial Decree 509/99

### **b) Educational debt**

The Degree Course Council will verify any formative debts, for students not in possession of a Degree, with a fully recognized curriculum, for one or more disciplines indicated by the Degree Course Council, which students are required to remedy before taking the exams of the 1 years. In order to allow the cancellation of the educational debt, the Degree Course Council will establish introductory teaching activities that must be compulsorily followed by the students in debt. the verification of the results achieved in the introductory teaching activities will take place before the first exam session.

## **3. Educational credits**

The unit of measure of the work required to the Student for the accomplishment of every formative activity prescribed by the Educational order to obtain the qualification is the University Formative Credit (CFU).

The Master's Degree in Health Care Prevention Sciences provides for the acquisition of 120 ECTS, divided into two years.

Each University Credit corresponds to 25 hours of work for the Student, as follows:

- a) 8 hours of lessons and seminars;
- b) 17 hours or expenses by the Student in training activities provided for by the Educational Instruction, or by self-study.

The credits corresponding to each Integrated Course are acquired by the Student with the passing of the relevant verification test.

#### **4. Master's degree courses**

They are organs of the Master's Degree Course:

- a) the Degree Course Council, made up of all tenured university professors and researchers belonging to the Degree Program. The Council also includes a representation of the students elected in the manner provided by the Regulations for the Elections of the Student Representatives in the Councils of the Degree Courses. The Board can operate through a Board of Directors defining its composition and tasks with the approval of the relative regulation by the Faculty Council;
- b) the President of the Degree Course, responsible for the same, elected every three years among the university professors in charge by the members of the Degree Course Council and re-elected for a single consecutive term.
- c) the Coordinator of the internship activities, appointed by the Degree Course Council, identified among those who are in service at the headquarters of the Course, in possession of the Specialistic Degree or Master of the specific professional profile and nominated with a comparative evaluation. The assignment is three years and is renewable for a single consecutive term.

#### **5. Educational training**

The Degree Course Council and the Faculty Council, for their respective competences, define the didactic order, in compliance with the law in force.

The didactic organization of the Degree Course is an integral part of this regulation.

If it is necessary to make changes to the Regulations (content, name, number of Courses and number of exams), the Degree Course Council proposes to the Faculty Council the necessary amendments to the Rules.

##### **a) Teaching Courses**

The Degree Course Council and the Faculty Council, for their respective competences:

a) define the objectives assigned to each of the disciplinary fields and identify the most appropriate forms of teaching for their achievement, articulating the training activities in teaching courses.

b) define the number of exams that must be taken to access the degree examination

If teaching tasks are assigned to more than one teacher in the same course, a Coordinator is appointed, appointed by the Degree Course Council.

The Coordinator of a Course, in agreement with the Degree Course Council, exercises the following functions:

- represents for the Students the reference figure of the Course;
- coordinates the preparation of the exam tests;
- normally chairs the Commission for the examination of the course coordinated by him;
- is accountable to the Degree Course Council for the proper conduct of all the teaching activities envisaged for the achievement of the objectives defined for the Course itself;



### **b) Type of teaching methods.**

The courses include the division of credits and teaching time into the different forms of teaching activities, as follows:

#### a) Ex-cathedra lesson

It generally takes place in the context of teaching modules (Integrated Courses) whose contents and training objectives are defined in the present Didactic Rules (see point 20 - study plan).

#### b) Seminary

The seminar activities can be inter-university and also realized in the form of videoconferences.

### **Elective educational activities (ADE)**

The Degree Course Council organizes the offer of elective teaching activities (ADE), achievable with ex-cathedra lessons, seminars, interactive courses in small groups, activities that are not coordinated or linked in "homogeneous teaching paths", among which the Student exercise their personal option, up to the achievement of the number of university credits expected.

Elective activities include internships or elective training internships carried out in research facilities or in clinical departments or health departments. The Degree Course Council defines the training objectives that the individual optional didactic activities aim at.

For each Elective Educational Activity (ADE) established, the Degree Course Council appoints a Responsible to whom it entrusts the task of evaluating, with defined procedures, the commitment placed by the individual Students in achieving the defined training objectives and therefore the acquisition of credits.

Credits acquired in elective teaching activities are communicated and duly certified to the Student Secretariat.

The optional teaching is an official activity of the teachers and as such recorded in the register of lessons.

### **Traineeship training activities**

During the two years of the Degree Course the Student is required to acquire specific professional skills through internship activities. The latter are a form of interactive teaching addressed to a small group of students. This teaching activity is managed by one or more professional tutors specially assigned by the Degree Course Council, whose task is to facilitate the students in acquiring knowledge, skills and behavioral models, that is, of skills useful for the practice of the health profession. of prevention according to the previously defined training objectives.

The internship is coordinated by a teacher belonging to the highest level of training required for the profiles of the specific class and corresponding to the standards defined at European level where they exist. The Degree Course Council appoints the tutors and the coordinator of the traineeships among the Degree Course Teachers, at the beginning of each academic year.

Alternatively, the Degree Course Council can entrust the role of tutor and coordinator to a professor belonging to the Degree Course Council itself.

The achievement of the competences deriving from the internship activity is established during the verification of the suitability of a commission formed by one or more tutors and by the traineeship coordinator.

In every phase of the compulsory internship the Student is required to work under the direct supervision of the Tutor. The Degree Course Council can identify affiliated non-university care

facilities where the internship can be conducted, partly or fully, after evaluation and accreditation of their didactic adequacy by the Degree Course Council.

### **English language**

The Degree Course Council, also with the help of the University Linguistic Center, prepares an English language course, which allows students to acquire the linguistic skills necessary to carry out training and research activities and to use international networks to comparisons of assistance management models. The competence acquired with the English language activities is subjected to evaluation, according to procedures established by the Degree Course Council, and is expressed in terms of eligibility (first year) and thirty (second year).

### **Computer Laboratory**

The Degree Course Council prepares a course of computer lab activities, which allows students to improve their IT and management skills. The competence acquired with computer lab activities is subjected to evaluation, according to procedures established by the Degree Course Council, for the achievement of eligibility.

### **Preparation of the Degree Thesis**

The Student has at his disposal 5 University Formation Credits to dedicate to the preparation of the Degree Thesis and to the final exam. This Regulation specifies the rules that the Degree Course Council provides for the conduct of the thesis work (points 12 and 13).

## **6. Procedures for assigning teaching tasks**

For the purposes of teaching planning, the Faculty Council, upon proposal of the Degree Course Council:

- a) defines its own educational purpose according to the general objectives described by the Graduate's professional profile, applying them to the situation and local needs so as to use their teaching and scientific resources in the most effective way;
- b) approves the curriculum of studies consistent with its purposes, obtained by aggregating, in Integrated Courses, the specific and essential training objectives ("core curriculum") deriving from the disciplinary areas of the class;
- c) ratification, in respect of individual competences, assignment to the individual teachers of the didactic tasks necessary to achieve the "core curriculum" training objectives.

The Degree Course Council, consulted the Coordinators of the Courses and the Teachers of the scientific-disciplinary sectors related to the disciplinary fields of the class, exercises, among others, the following functions (specifically reported in the article 7 of the University Didactic Regulations ):

- identifies the training objectives of the "core curriculum" and assigns them the training credits, based on the total time commitment required of the Students for their achievement;
- includes the training objectives in the teaching courses that are functional to the training aims of the Degree Course;
- ratifies with the consent of the interested parties, the afferences to the Teaching Courses of the Teachers, taking into account the educational needs of the CL, the membership of the Teachers to the Scientific Disciplinary Sectors, their propensities and the individual teaching load;
- plans, together with the teachers, the assignment of specific teaching tasks to the teachers, aimed at achieving the training objectives of each Course, while ensuring the effectiveness of training and the respect of individual skills;

- identifies with the teachers the teaching methodologies appropriate to the achievement of the individual educational-training objectives;
- organizes the offer of elective educational activities and proposes their activation.

The Degree Course Council, also:

- discusses with the teachers the method of preparing the tests - training and certification - to evaluate learning, in line with the pre-established training objectives;
- organizes the permanent monitoring of all teaching activities with the quality assessment of their results, also through the assessments officially expressed by the students;
- promotes educational and pedagogical updating initiatives for teachers;
- organizes a permanent student tutoring service, in order to facilitate their progression in their studies.

The functions performed by the components of the Degree Course Coordinator are recognized as institutional duties and therefore certified by the Academic Authorities as activities related to Didactics.

### **7.Obligation to attend**

Attendance to formal teaching activities, integrative activities and training activities is mandatory. Students who have reached the aforementioned teaching activities of not less than 75% of the total are eligible to take the exams.

The frequency is verified by the teachers, according to the procedures established by the Degree Course Council, who communicate the results to the Degree Course Council. Attendance to the compulsory teaching activities of a Teaching Course is necessary for the Student to take the relevant exam.

The student considers "out of course" when, having attended the training activities required by the Ordinance, he has not passed the exams and other tests relating to the whole curriculum and has not acquired the number of credits necessary to obtain the title. The student is not allowed to enroll in the same year of the course with the qualification of "off course" for more than three consecutive years. The student loses his / her status if he / she has not passed any of the exams foreseen by the Teaching Regulations of the Degree Course for five consecutive academic years from the last exam passed.

The Students elected in the Collegiate Bodies have justified their absence from the didactic activities for the completion of the meetings of the same bodies.

### **8 .Prerequisites**

The exams, with the relative acquisition of University Credits, of the integrated Courses of the 1st year (C.I. 1-5) are preparatory to the examinations of the Integrated Courses of the 2nd year (C.I. 6-10). The checks, with certification of suitability, of the English language (English language I), of elective teaching activities and of practical training, carried out in the 1st year of the Degree Course, are preparatory to the respective verifications of the 2nd year of the Degree Course.

## **9. Autonomous learning**

The Degree Program grants Students the opportunity to dedicate themselves to autonomous and guided learning, completely free from teaching activities, directed:

- a) individual use, or within small groups, independently or on indication of the teachers, of the teaching aids provided by the Degree Course for self-learning and self-assessment, in order to achieve the training objectives set. The teaching aids (texts, simulators, mannequins, audiovisuals, computer programs, etc.) will be placed in spaces, as far as possible, managed by the Faculty;
- b) interned at university facilities chosen by the Student, aimed at achieving particular training objectives;
- c) to the personal study, for the preparation of the exams.

## **10. Didactic program**

The teaching activities of the first and second year of the course start, respectively, not later than the first week of December - compatibly with the admission contest procedures - and not later than the first week of November. Registration for each of the course years must take place by November 5th, in accordance with the admissions procedure.

Before the beginning of the academic year and at least one month in advance of the start date of the courses, the Degree Course Council approves and publishes the Didactic Programming Document which defines:

- the study plan of the Degree Course;
- the offices of vocational training and traineeships;
- the calendar of educational activities and exam appeals;
- the programs of the individual courses;
- the teaching tasks assigned to Teachers and Tutors

The Degree Course Council proposes to the Faculty Council the use of financial resources, with particular reference to the destination and the method of covering the roles of Professor and Researcher.

## **11. Verifica dell'apprendimento**

The Degree Course Council establishes the types and number of exam tests necessary to evaluate student learning.

The total number of curricular exams can not exceed that of the official courses established by the law.

The assessment of learning can take place through formative assessments and certifications.

The formative evaluations (in itinere tests) are intended to detect the effectiveness of learning and teaching processes in relation to certain contents.

The certifications (profit exams) are instead aimed at evaluating and quantifying with one vote (Integrated Courses 1-10, teaching English II), or with a declaration of suitability (computer lab, English language I, elective teaching activities, traineeship) the achievement of course objectives.

Profit exams can only be carried out during the dedicated periods and called exam sessions. The session is considered closed when all the booked students have taken the exam.

The times of verification can not coincide with the periods in which the official activities are carried out, nor with others that may however limit the participation of the Students in these activities.

The exam sessions are fixed in three periods: 1st session: February-March; 2nd session: June-July; recovery session: September-October.

The start and end dates of the three exam sessions are set in the Faculty's teaching program. In each session the start dates of the appeals are defined, spaced at least two weeks apart. The number of appeals is set at no less than two for each exam session. The Examining Board is made up of at least two Lecturers involved in the related Integrated Course and is usually chaired by the Coordinator.

Different methods of evaluation are allowed, also consisting of successive phases of the same examination:

- traditional oral tests and written and objective written tests (for the evaluation of cognitive objectives, which must concern all the disciplines of the integrated course in an interdisciplinary perspective);
- practical tests and simulated tests (for the assessment of professional skills and of management and interpersonal skills).

### **12. Training activities for the final exam**

The Student has the availability of 5 credits for the preparation of the Degree Thesis in training structures. This activity of the Student is called "Degree Internship". The student who intends to carry out the undergraduate degree in a specific structure must submit to the Degree Course Council a formal request accompanied by his / her curriculum (list of exams taken and grades obtained in each of them, list of optional activities followed, internships in laboratories or clinics or any other activity carried out for training purposes).

The Degree Course Council after hearing the Teachers of the Degree course related to the structure, and having checked the availability of places, accepts the request and entrusts to a Teacher-Tutor, possibly indicated by the Student, the responsibility for the control and certification of the activities carried out from the Student himself in the structure.

### **13. Degree Exam**

To be admitted to take the Degree Exam, the Student must:

- have followed all the courses and have passed the related exams; - have obtained a total of 115 CFU;

- have delivered to the Student Secretariat:

a) application to the Rector at least 15 days before the graduation session;

b) a copy of the Degree Thesis at least 10 days before the Degree session.

The Degree examination takes place in the sessions indicated by the University Didactic Regulations.

The composition of the Commission for the Degree examination is in compliance with Article 6 of the Presidential Decree of 2/1/2001.

The Degree exam consists of: drafting and discussing a project (Thesis) of a theoretical-applicative or experimental nature. The Student's Thesis request must be made to the Lecturer at least six months before the graduation session.

The following parameters contribute to determining the degree mark, expressed in one hundred and ten: a. the arithmetic mean

b. of the marks obtained in the curricular exams up to a maximum of 110 points;

c. the points awarded by the Degree Commission during the discussion of the thesis, up to a maximum of 7 points, with criteria and methods established ad hoc by the Degree Course Council.

The overall vote, determined by the elaboration of the scores foreseen by the items "a - b", is rounded up or down to the nearest whole number.

The honors can be attributed with the unanimous opinion of the Commission to the candidates who obtain a final score of 110.

#### **14. Recognition of studies carried out at other sites or other courses of study**

The studies carried out in Specialist or Master's Degree courses in the Health Professions of Prevention of other universities in the European Union, as well as the credits obtained, are recognized by the Degree Course Council resolution, upon examination of the curriculum transmitted by the University of origin and course programs in that accredited University. For the recognition of studies carried out in Degree Courses of non-EU countries, the Degree Course Council examines the curriculum and the programs of the exams passed in the country of origin, recognizes the adequacy of the credits acquired and approves the recognition. In consideration of the specific characteristics of the Master's Degree Program in the "Science of Healthcare Professionals of Prevention" which has the objective of training professionals as future managers of health facilities, abbreviations of the Degree Course are not allowed and any credits are not recognized previously acquired in other Degree Courses of the same or another University.

#### **15. Recognition of the Master's Degree in Health Professions of Prevention at Foreign Universities**

The Master's Degree in Health Professions of Prevention at foreign universities is recognized where bilateral agreements or international conventions exist that provide for the equivalence of the degree.

Pending the discipline concerning the free movement of graduates within the European Union, the Degrees issued by the Universities of the Union will be recognized without prejudice to the verification of the deeds attesting their curricular congruity.

Where there are no agreements between States, on the basis of the combined provisions of Articles 170 and 332 of the Consolidated Law on University Education, the academic authorities can declare the equivalence on a case-by-case basis. For the purposes of this recognition, the Degree Course Council:

- ascertains the authenticity of the documentation produced and the reliability of the Faculty of origin, based on the attestations of specifically qualified Central Bodies;
- examines the curriculum and evaluates the congruity, with respect to the current teaching system, of the didactic-training objectives, of the teaching programs and of the credits assigned to them at the University of origin.

The student must still take the final exam and prepare the thesis.

If only a part of the credits earned by the foreign graduate is recognized as being in accordance with the law in force, the Degree Course Council must register for one of the two years of the

course. The enrollment to a given year of study is however conditioned by the availability of seats within the programmed number previously approved by the CCL.  
For non-EU graduates, the provisions of the Presidential Decree of August 31, 1999, n. 394.

### **16. Evaluation of the efficiency and effectiveness of teaching**

The Degree Course is subject annually to an evaluation concerning:

- the organizational efficiency of the Degree Course and its teaching facilities;
- the quality and quantity of services made available to students;
- the ease of access to information relating to each area of the teaching activity;
- the effectiveness and efficiency of the analytically considered teaching activities, including those aimed at evaluating students' level of learning;
- the teachers' compliance with the decisions of the Degree Course Council;
- the didactic performance of the teachers in the judgment of the Students;
- the quality of teaching, with particular regard to the use of IT and audiovisual teaching aids;
- the organization of tutor assistance to students;
- the average educational performance of students, determined on the basis of the regularity of the curriculum and the results achieved in their training.

The Degree Course Council, in agreement with the University Evaluation Unit, indicates the criteria, defines the operating procedures, establishes and applies the most suitable tools for carrying out the evaluation of the parameters listed above and suitable for governing the training processes for guarantee its continuous improvement, as foreseen by the Quality Assurance models.

The evaluation of the commitment and teaching activities carried out by the teachers considered, also for the purposes of the distribution of resources, according to the procedures established by the University Evaluation Unit.

The Degree Course Council plans and carries out, also in collaboration with Master's Degree Programs in the Health Professions of Rehabilitation in other centers, objective and standardized checks of the knowledge acquired and maintained by the Students during their learning path. These checks are aimed exclusively at the evaluation of the homogeneity and effectiveness of the lessons and the ability of the students to maintain the information and the rational models acquired during their studi.

### **17. Pedagogical training of teaching staff**

The Degree Course Council proposes to the Faculty Council to organize periodically, at least once every two years, initiatives of pedagogical updating on planning techniques and teaching and evaluative methodologies for its teachers of all levels. Participation in these initiatives constitutes a title for the certification of the teaching commitment of the teachers and for the evaluation of the didactic efficiency of the Degree Course. This activity is promoted and coordinated by the Faculty Council.

### **18. Web site of the Degree Course**

The Degree Course Council is responsible for updating the Faculty WEB site of all useful information for students and teaching staff and for the maximum dissemination of the relative address.

In the WEB pages related to the Degree Course, updated before the beginning of each academic year, must still be available for consultation:

- the Didactic Arrangement and the Didactic Regulations;
- the didactic planning, containing the calendar of all the planned didactic activities, the programs of the courses accompanied by the indication of the recommended textbooks, the dates set for the exam sessions of each Course, the place and time in which the individual teachers are available to receive students;
- online teaching aids for self-learning and self-assessment.

## 19. Referral rules

For anything not provided for in this Regulation, reference should be made to what is reported in the University Didactic Regulations.

**The Degree Course is divided into conventional cycles (semesters) for each of the two years of the course. The introductory teaching areas for the achievement of the training objectives are identified by point 8 of these Regulations.**

**In summary, the objectives of the Degree Course are as follows:**

**- Objectives of the first year of the course:** the student must acquire: a) a level of knowledge of information technology and statistics suitable for making decisions regarding the organization and management of health services; b) the cognitive and relational elements for the understanding of psychosocial relationships and for the management of preventive activities and organization of health services; c) basic knowledge to understand the legislative and regulatory principles at national and European level for the management of preventive activities in the field of health professions;

d) a sufficient level of understanding of the English language.

**- II year course objectives:** The student must acquire: a) knowledge of the essential elements for the management of human and technological resources; b) appropriately apply organizational analysis and management control and expenditure in health facilities; c) acquire the knowledge to identify environmental risk factors, assess their health effects and set up protective measures in the workplace; d) acquire the method for the construction of training curricula and to develop research and teaching with regard to the specific professional figure.



## 20. Study plan

<b>LM/SNT4</b>	<b>Course name: Health Care Prevention Sciences</b>
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FIRST YEAR - FIRST HALF			CFU	TOTAL CFU	Prerequisites	
Integrated Course 1 Exam	<b>C.I. Computer Science and Statistics</b>		<b>Disciplinary area</b>			
		MED/01 - Medical statistics	Statistics and Epidemiology	2	6	NO
		ING-INF/05 - Information processing system	PC science applied to health management	2		
		SEC-S/02 - Statistics for experimental and technological research	PC science applied to health management	2		
Integrated Course 2 Exam	<b>C.I. Scienze Umane, Psicopedagogiche e Psicologiche</b>		<b>Disciplinary area</b>			
		M-FIL/03 - Moral philosophy	Pedagogical and psychological anthropological dimensions	2	9	NO
		SPS/08 - Sociology of cultural and communicative processes	Pedagogical and psychological anthropological dimensions	2		
		M-PED/01 - General and social pedagogy	Psychopedagogical Human Sciences	3		
		M-PSI/08 - Clinical psychology	Health care sciences	2		
Eligibility	IT laboratory			3		
Eligibility	Educational teaching			2		
Eligibility	Internship			6		
<b>total CFU semester</b>				<b>26</b>		

FIRST YEAR - SECOND SEMESTER			CFU	TOTAL CFU	Prerequisites	
Integrated Course 3 Exam	<b>C.I. Juridical Sciences</b>		<b>Disciplinary area</b>			
		IUS/10 - Administrative law	Health Management Sciences	2	6	NO
		IUS/07 - Labor law	Health Management Sciences	2		
		IUS/14 - European Union law	Health Management Sciences	2		
Integrated Course 4 Exam	<b>C.I. Economics and Health Management Sciences</b>		<b>Disciplinary area</b>			
		SECS-P/10 - Business organization	Health Management Sciences	2	6	NO
		MED/42 - General and applied hygiene (for the Health Organization)	Health Management Sciences	1		
		SECS-P/07 - Business Economics	Juridical and economic sciences	3		
Integrated Course 5 Exam	<b>C.I. Prevention Sciences</b>		<b>Disciplinary area</b>			
		MED/42 - General and applied hygiene (for the Epidemiology of Health Services)	Health care sciences	2	6	NO
		MED/43 - Legal Medicine	Prevention and Health Services Sciences	2		

	MED/44 - Occupational medicine	Prevention sciences in the environment and in the workplace	2	
Eligibility	L-LIN/12 - English language I			<b>2</b>
Eligibility	ADE (free choice of student)			<b>4</b>
Eligibility	Internship			<b>10</b>
<b>total CFU semester</b>				<b>34</b>

<b>TOTAL CREDITS FIRST YEAR</b>	<b>60</b>
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<b>LM/SNT4</b>	<b>Course name: Health Care Prevention Sciences</b>
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SECOND YEAR - FIRST HALF			CFU	TOTAL CFU	Prerequisites
Integrated Course 6 Exam	<b>C.I Research methodology in the area of prevention</b>		<b>Disciplinary area</b>		Integrated Course 1 and 5
	MED/50 – Prevention Sciences applied to research	Prevention Sciences in the environment and in the workplace	3	<b>9</b>	
	MED/42 – Methodology of Epidemiological Research	Health care sciences	2		
	MED/45 – Scienze infermieristiche applicate alla ricerca	Prevention and health services	2		
	FIS/07 – Medical Physics	Propaedeutical Sciences	2		
Integrated Course 7 Exam	<b>C.I. Prevention Sciences applied to organizational processes</b>		<b>Disciplinary area</b>		Integrated Course 4
	MED/44 – Occupational medicine	Prevention Sciences in the environment and in the workplace	2	<b>6</b>	
	MED/50 – Prevention Sciences in the management of organizational processes (selection of human resources and construction of organic equipment)	Prevention Sciences in the environment and in the workplace	2		
	MED/42 – Health Organization in Public Health	Health care sciences	2		
Integrated Course 8 Exam	<b>C.I. Technical-Preventive Methodologies</b>		<b>Disciplinary area</b>		NO
	BIO/13 – Applied biology	Biomedical science	1	<b>4</b>	
	MED/10 – Diseases Respiratory System	Biol., Med. And Surgical Sciences	1		
	MED/06 – Oncology	Biol., Med. And Surgical Sciences	1		
	BIO/11 – Molecular Biology	Biomedical science	1		
Exam	L-LIN/12 - English language II			<b>2</b>	
Eligibility	ADE (free choice of student)			<b>2</b>	
Eligibility	Internship			<b>8</b>	
<b>total CFU semester</b>				<b>30</b>	

SECOND YEAR - SECOND SEMESTER			CFU	TOTAL CFU	Prerequisites
Integrated Course 9 Exam	<b>C.I. Prevention Sciences applied to teaching</b>		<b>Disciplinary area</b>		Integrated Course 2
	M-PED/03 - Teaching	Human and Psycho-Pedagogical Sciences	3	7	
	M-PSI/04 – Psychology of education	Anthropological, pedagogical and psychological dimensions	2		
	MED/45 – Nursing sciences applied to the construction of curricula and training plans	Health care sciences	2		
Integrated Course 10 Exam	<b>C.I. Prevention Sciences in the environment and in the workplace</b>		<b>Disciplinary area</b>		Integrated Course 3
	MED/44 – Occupational Medicine (programming of interventions in occupational medicine)	Prevention Sciences in the environment and in the workplace	1	10	
	MED/50 – Technical Sciences (applied to environmental and work hygiene)	Prevention Sciences in the environment and in the workplace	2		
	ICAR/20 – Techniques and urban planning	Informatic and interdisciplinary sciences applied to health management	2		
	IUS/17 – Diritto penale	Prevention Sciences in the environment and in the workplace	2		
	VET/04 – Ispezione degli alimenti di origine animale	Prevention Sciences in the environment and in the workplace	2		
	MED/42 – Programmazione degli interventi di igiene ambientale	Health care sciences	1		
Eligibility	ADE (free choice of student)				1
Exam	Internship			7	
	Final test			5	
<b>total CFU semester</b>				<b>30</b>	
<b>TOTAL CREDITS ACCORDING TO YEAR</b>					<b>60</b>

### Integrated course 1: Computer Science and Statistics

<b>Teachings:</b> MED / 01 - Medical statistics ING-INF / 05 - Information processing systems SEC-S / 02 - Statistics for experimental and technological research			
<b>Scientific Sectors -Disciplines:</b> MED / 01 ING-INF / 05 SEC-S / 02			<b>CFU: 6</b>
<b>Type of didactic forms and criterion for calculating the student's time commitment:</b> (leave the box empty if that type does not include tea)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		
<b>Educational objectives (max 200 characters):</b> apply the basic knowledge of the statistical and IT sciences necessary to make decisions regarding the organization and management of health services provided by personnel with prevention functions in the medical area, within healthcare facilities various complexity; acquire computer skills useful for the management of computerized services systems and self-training processes.			
<b>Contents (max 100 characters per ECTS):</b> basic knowledge of statistical and computer science applied to health management systems and experimental research			
<b>Preparatory instructions:</b> none			
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.			

### Integrated course 2 of: Humanities, Psycho-pedagogical and Psychological Sciences

<b>Teachings:</b> M-FIL / 03 - Moral Philosophy SPS / 08 - Sociology of cultural and communicative processes M-PED / 01 - General and social pedagogy M-PSI / 08 - Clinical psychology			
<b>Scientific Sectors -Disciplines:</b> M-FIL / 03 SPS / 08 M-PED / 01 M-PSI / 08			<b>CFU: 9</b>
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		
<b>Educational objectives (max 200 characters):</b> to know and apply appropriate techniques to individual and group communication and to the management of interpersonal relationships with the personnel of the structures in which it operates; communicate clearly on organizational and			

health issues with employees and users; operate in compliance with ethical rules and professional responsibility
<b>Contents (max 100 characters per CFU):</b> individual and group communication and management of interpersonal relationships with the staff of the structures in which it operates; ethical rules and professional responsibility.
<b>Preparatory instructions:</b> none
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.

### Integrated course 3 of: Juridical Sciences

<b>Teachings:</b> IUS / 10 - Administrative law IUS / 07 - Labor law IUS / 14 - European Union law			
<b>Scientific Sectors -Disciplines:</b> IUS / 10 - Administrative law IUS / 07 - Labor law IUS / 14 - European Union law			<b>CFU: 6</b>
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		
<b>Educational objectives</b> (max 200 characters): know the principles of labor law, administrative law and European Union law applicable to relations between administrations and users involved in health services; operate in compliance with the main laws that regulate healthcare organization.			
<b>Contents</b> (max 100 characters per ECTS): labor law, administrative law and EU law applied to relations between administrations and users of health services; main laws that regulate health organization			
<b>Preparatory instructions:</b> none			
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.			

### Integrated course 4 of: Economics and Health Management

<b>Teachings:</b> SECS-P / 10 - Business organization MED / 42 - General and applied hygiene (for the Health Organization) SECS-P / 07 - Business Economic			
<b>Scientific Sectors -Disciplines:</b> SECS-P / 10 MED / 42 SECS-P / 07			<b>CFU: 6</b>
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		

<b>Educational objectives</b> (max 200 characters): know the main techniques of business organization and the optimization processes of the use of human, IT and technological resources; appropriately apply organizational analysis and management and expenditure control in health facilities.
<b>Contents</b> (max 100 characters per CFU): business organization techniques; organizational analysis and control of management and spending in health facilities.
<b>Preparatory instructions:</b> none
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.

#### Integrated course 5 of: Prevention Sciences

<b>Teachings:</b> MED / 42 - General and applied hygiene (for the Epidemiology of Health Services) MED / 43 - Legal Medicine MED / 44 - Occupational medicine			
<b>Scientific Sectors -Disciplines:</b> MED / 42 MED / 43 MED / 44			<b>CFU: 6</b>
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		
<b>Educational objectives</b> (max 200 characters): know the rules for the protection of workers' health; operate in compliance with the main laws that regulate the health organization, as well as the ethical standards and professional responsibility.			
<b>Contents</b> (max 100 characters per ECTS): regulations for the protection of workers' health; legislative provisions governing the health organization; ethical rules and professional responsibility.			
<b>Preparatory instructions:</b> none Profit assessment methods: ongoing tests and / or final exam, interview.			
<b>Preparatory instructions:</b> none Profit assessment methods: ongoing tests and / or final exam, interview.			

#### Integrated course 6 of: Research methodology in the area of prevention

<b>Teachings:</b> MED / 50 - Prevention Sciences applied to research MED / 42 - Methodology of Epidemiological Research MED / 45 - Nursing sciences applied to research FIS / 07 - Medical Physics			
<b>Scientific Sectors -Disciplines:</b> MED / 50 MED / 42 MED / 45 FIS / 07			<b>CFU: 9</b>
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Ore di studio per ogni ora di:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>

<b>Other (specify):</b>
<b>Educational objectives</b> (max 200 characters): to know the essential methodological elements of epidemiology; perform a systematic bibliographic search; critically carry out a reading of scientific articles; apply <b>research activities to improve the quality of living and working environments</b>
<b>Contents</b> (max 100 characters per ECTS): epidemiological study designs; research methodology; bibliographic research; environmental risk factors
<b>Prerequisites:</b> examinations of the Integrated Course 1
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.

### Integrated course 7 of: Prevention Sciences applied to organizational processes

<b>Teachings:</b> MED / 44 - Occupational medicine MED / 50 - Prevention Sciences in the management of organizational processes (selection of human resources and construction of organic equipment) MED / 42 - Health Organization in Public Health			
<b>Scientific Sectors -Disciplines:</b> MED / 44 MED / 50 MED / 42			<b>CFU: 5</b>
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		
<b>Educational objectives</b> (max 200 characters): strategic planning with the definition of long-term objectives; organization of a structure; allocation and rational use of professional, material and technological resources; management of personnel policies; management of organizational change in continuous quality improvement.			
<b>Contents</b> (max 100 characters per CFU): methods of cost-effectiveness analysis, costs / utility-benefits; quality control methods.			
<b>Prerequisites:</b> examinations of the Integrated Courses 1-5.			
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.			

### Integrated course 8 of: Technical-Preventive Methodologies

<b>Teachings:</b> BIO / 13 - Applied biology MED / 10 - Respiratory Diseases MED / 06 - Oncology BIO / 11 - Molecular Biology			
<b>Scientific Sectors -Disciplines:</b> BIO / 13 MED / 10 MED / 06 BIO / 11			<b>CFU: 4</b>

<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		
<b>Educational objectives (max 200 characters):</b> to know the risk factors of the onset of tumors and respiratory diseases related to work activities in order to prepare professional protection interventions.			
<b>Contents (max 100 characters per ECTS):</b> biomolecular techniques; food safety risks; epidemiology oncology and occupational respiratory diseases			
<b>Prerequisites:</b> examinations of the Integrated Courses 1-5.			
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.			

### Integrated course 9 of: Prevention Sciences applied to teaching

<b>Teachings:</b> M-PED / 03 - Teaching M-PSI / 04 - Educational psychology MED / 45 - Nursing sciences applied to the construction of curricula and training plans			
<b>Scientific Sectors -Disciplines:</b> M-PED / 03 M-PSI / 04 MED / 45			<b>CFU: 7</b>
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)			
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>	<b>Laboratory: 0</b>
	<b>Other (specify):</b>		
<b>Educational objectives (max 200 characters):</b> design, implement and evaluate training interventions; develop teaching skills in basic, complementary and permanent tutoring activities			
<b>Contents (max 100 characters per ECTS):</b> andragogy, methods and tools of scientific research in education			
<b>Prerequisites:</b> examinations of the Integrated Courses 1-5.			
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.			

### Integrated course 10 of: Prevention Sciences in the environment and in the workplace

<b>Teachings</b> MED / 44 - Occupational Medicine (programming of interventions in occupational medicine) MED / 50 - Technical Sciences (applied to environmental and work hygiene) ICAR / 20 - Techniques and urban planning IUS / 17 - Criminal law VET / 04 - Inspection of food of animal origin MED / 42 - Programming of environmental hygiene interventions			
<b>Scientific Sectors -Disciplines:</b> MED / 44			<b>CFU: 10</b>



MED / 50 ICAR / 20 IUS / 17 VET / 04 MED / 42		
<b>Type of teaching forms and criteria for calculating the student's time commitment:</b> (leave the box empty if that type is not provided)		
Hours of study for each hour of:	<b>Lesson: 2</b>	<b>Exercise: 0</b>
	<b>Laboratory: 0</b>	
	<b>Other (specify):</b>	
<b>Educational objectives</b> (max 200 characters): to acquire tools that allow to evaluate the implications of the technical interventions described in the form with binding judgments of the current penal legislation.		
<b>Contents</b> (max 100 characters per ECTS): laws and regulations on food safety and building safety; rules for the protection of workers' health; eco-management		
<b>Prerequisites:</b> examinations of the Integrated Courses 1-5.		
<b>Profit assessment methods:</b> ongoing tests and / or final exam, interview.		