**EDUCATIONAL REGULATIONS**
**OF**
**DEGREE COURSE IN TECHNIQUES OF**
**PREVENTION IN THE ENVIRONMENT AND PLACES OF WORK**
**(ENABLING THE HEALTH PROFESSION OF PREVENTION TECHNICIAN)**
**SCHOOL OF MEDICINE AND SURGERY**

**UNIVERSITY OF NAPLES-FREDERICO II**

GENNAIO 2018

**SUMMARY**

**DEGREE COURSE IN PREVENTION TECHNIQUES IN:**

**THE ENVIRONMENT AND WORKPLACES**

**(ENABLING THE HEALTH PROFESSION OF PREVENTION TECHNICIAN)**
**GRADUATION CLASS IN TECHNICAL HEALTH PROFESSIONS (LSNT/4-AREA OF PREVENTION)**
**EDUCATIONAL REGULATIONS**

## 1. DEFINITION OF TRAINING OBJECTIVES

The degree course in prevention techniques in the Environment and workplaces (CL TPALL) is divided into three years and is instituted and activated by the Faculty of Medicine and Surgery of the university. Of the studies of Naples Federico II.

The CL TPALL aims at achieving the following training objectives.

Pursuant to Law 10 August 2000, No. 251, art. 4, paragraph 1, graduates in the course of the degree are professionals of the technical prevention professions able to perform, with tecnicoprofessionale autonomy, prevention activities in the environment and in life situations and in the workplace, consisting In the checks, controls and programming of corrective interventions in the areas of hygiene and public and veterinary health, food and beverage hygiene, the risks associated with workplaces and organisations. All activities are carried out assuming the responsibilities and in accordance with the ethical codes of conduct of the professional profile. For these purposes, the degree course envisages 180 CFU, articulated in three years of course, of which 60 to be acquired in training activities aimed at maturing specific professional skills (training course)

The graduates, must acquire a valid preparation, to the achievement of which they contribute an adequate process of acculturation in the basic disciplines and a theoretical and practical-applicative training course in those specific of the professional field, in To enable them:

to identify and know how to ponder the risk factors for the health and well-being of the general population, connected with the physico-chemical conditions of living environments, with food and with organisations;

to identify and know how to ponder the risk factors for health and safety in the workplace and in the various working activities;

to understand the nature and the causes of the pathological processes interesting the general population and the workers;

to know the rules of law in the fields of public and working health, knowing how to interpret and apply them;

to be able to plan and manage targeted interventions of prevention and screening on populations.

Graduates must acquire the awareness of the need for cultural and practical updating, essential to the management of an activity in which the constant modification of the situations of life, of the technologies and the laws of reference imposes the obligation of Continuing education.
Graduates must know and be able to use at least another language of the European Union, with specific attention to the technical terminology of professionalism, for the purpose of acquiring and updating their knowledge through the Consultation of computer databases and Community legislation, to allow exchanges of information and interaction with Extranazionali reality.

Graduates are health professionals who are responsible for the attributions provided by D. M. of Health Minister 17 January 1997, no 58 and subsequent amendments and additions. For specific competences, they are managers responsible for verification and control activities in the areas of hygiene and environmental safety in the places of life and work, hygiene of food and beverages, hygiene of public and veterinary health and Collaboration in the programming and management of collective and sectoral prevention interventions. The training objectives must therefore allow graduates to be adapted to the different functions of the role, listed below.

**PUBLIC FUNCTIONS**

if they operate in the services of the S.S.N. or other public institutions to which the inspection and supervision functions are regulated, the graduates in prevention techniques in the environment and in the workplace, within the limits of Specific attributions, assume the function of police officers, U.P.G., carrying out investigation activities, aimed at issuing authorisations or any technical-sanitary clearance for activities subject to legal checks, in particular For the work. As U.P.G. they manage the control interventions, in which they verify the congruences and determine, dispute and notify any non-regularity detected, in compliance with the rules in force and, in any case, within their competences.
*1a. Functions in the field of public hygiene the Prevention technicians exercise supervisory functions on: environmental pollution, identifying the dimension, the causes, the defaults and the responsibilities with respect to the normative indications, identifying The corrective and defining any penalties;*
*Food cycle, by controlling the quality of food and beverages, during the production of distribution and marketing, also providing for the need to carry out specialist surveys of what has been verified;*
*Products and articles of use and/or consumption by the general population: cosmetic products, detergents and disinfectants, domestic and professional, toys and equipment, domestic and urbanization systems.*

They also carry out checks on hygiene and veterinary Health.
*1b. Work in the field of hygiene and safety in the workplace or monitoring the responsiveness of structures and workplaces, activities and technologies to the requirements of safety and protection of the health and welfare of workers;*
Control of interactions and adverse effects of production activities on the external environment;
Control over the occurrence of occupational accidents and professional illnesses, identifying and planning investigations and investigations of the causal factors of them. For accidents and occupational diseases..

*2. U.P.G. functions*

*As U.P.G., the prevention technicians collaborate with the judicial administration in the investigation of the offences against the environmental heritage, on the conditions of hygiene and safety in the workplace and the food, on the disposal and the storage of Common and special waste, supervising the provisions of laws and regulations on health and environmental prevention.*

3. Other functions or collaboration with other professional figures in the activities of programming and organisation of the structure's work in which they operate

Participation in activities of study and didactics, inclusive of the contribution in the training processes of the workers to the management in safety of the work activities, according to the regulations in force;
Operational participation in the prevention and protection services of public or private companies, health, service or production.
The presence in the training programme of educational activities in the field of radiation protection, according to the contents set out in annex IV to Legislative Decree No. 187 of 26 May 2000, allows graduates to carry out activities in the specific field, Collaboration with the qualified expert and the authorized physician.

**Professional training activities.**

During the course of studies foreseen by the C.C.L., the student, with the constant guidance of the different tutors identified according to the specificity of the activities, must participate in the execution and carry out in its own a reasonable number of the following activities:
Pre-analytical procedures (sampling and preparation of analysis samples) of environmental matrices (air, water, soil);
Procedures for the withdrawal, storage and transport of biological and food samples;
Analytical procedures on environmental samples (water, air, soil, liquid and solid waste), both with automatic methods and manual techniques, with the use of laboratory equipment from time to time necessary;
Chemical-physical and microbiological analytical procedures on biological and food samples;
Procedures for monitoring, monitoring and identification of critical points in the processes of production, processing, marketing and use of food and beverages;
Detecting and evaluating microclimatic indexes and calculating wellness indexes in confined, working and permanence environments;
Sampling and analysis of chemical and biological agents in living and working environments, open and confined;
Measurements of energy agents (noise, mechanical vibrations) and construction of phonometric maps;
Organising advisory opinions on problems relating to the interpretation and enforcement of food and beverage legislation, environmental issues and hygiene and safety at work;
Participation in inspections and investigations at water supply plants, water treatment for human consumption, treatment of human and industrial wastewater;
Participation in visits and inspections at production plants and commercial stores in the food sector;
Participation in the inspections in the workplace and the drawing up of explanatory reports;
Participation in the compilation and presentation of risk assessment documents in workplaces and interfering areas (D.V.R. and D.U.V.R.I.)

The duration of the course for graduation is three years.

**2. Admission to the degree course**

A) Access programming

They may be admitted to the CL candidates who are in possession of high school Diploma or equivalent foreign title. The number of students admitted to the CL TPALL is defined on the basis of national planning and the availability of teaching staff, educational facilities (classrooms, laboratories) and welfare facilities that can be used to conduct practical activities, Coherently with the recommendations of the European Union, applying the

parameters and directives prepared by the University and the faculty. Access to the degree course is a number programmed according to Law 264/99 and provides an admission examination which consists of a test with multiple choice tests.

***b) Training Debt***

The didactic organization of the CL TPALL foresees that the students admitted to the 1st year of course have an adequate initial preparation, obtained in the studies previously carried out.

That being said, the board of undergraduate courses will be able to ascertain any educational debts, for one or more disciplines that the students are required to heal before taking the first year exams.

In order to allow the cancellation of the training debt, the board of Undergraduate course will be able to establish preparatory didactic activities which must be followed by the students in debt. These preparatory didactic activities can also be guaranteed by the teachers of the degree course. The verification of the results achieved in the didactic activities preparatory will be in the context of the evaluation of the corresponding courses.

## 3. TRAINING CREDITS

The unit of measure of the work required to the student for the completion of each training activity prescribed by the didactic order to obtain the degree of study is the university Formative Credit (CFU).
The undergraduate course envisages 180 CFU, articulated in three years of course, of which at least 60 to be acquired in training activities aimed at the maturation of specific professional skills.
Each CFU corresponds to 25 hours of work for the student, including:
A. of the lesson hours;
B. Of the hours of didactic activity tutorials carried out in laboratories, health companies, prevention and protection services, public research bodies (ISPESL, CONTARP);
C. of the seminar hours;
D. The hours spent by the student in the other training activities provided for in the didactic order;
E. Of the self-study hours required to complete its training (not less than 50%)
The credits corresponding to each teaching course are acquired by the student with the passing of the examination.

## 4. BODIES OF THE DEGREE COURSE

They are bodies of the degree course:
a) the board of the degree course is made up of all the university professors of role and researchers belonging to the course of study, from the teachers in charge and the coordinator of the technical-practical teachings and of training course of the seat Central. Of the Council is also a representation of students composed of a student, elected according to the university's didactic regulations;
b) The Council may also operate through a council committee defining its composition and tasks with approval of the relevant regulation by the Faculty Council.
c) The President of the course, responsible for it, is elected every three years among the university professors of role by the members of the Board of the undergraduate course and is reelected for a single consecutive term;

d) The coordinator of the technical-practical and training courses, proposed by the Board of graduate course between those who, in service at the health facility headquarters of the course, are in possession of a master's degree (or equivalent title) within the Specific professional profile to which the course corresponds and express the required professional experience of not less than five years in the field of training, is appointed by the Faculty Council; The coordinator of the practical and training technical teachings lasts three years and is doable; It is responsible for the practical technical teachings, organizes the calendar of professional activities, directs the tutors and supervises the activity, guarantees the access of the students to the qualified structures for the training activities;
e) The Board of Graduate course, whose composition and tasks are defined by a regulation approved by the Faculty Council.

## 5. ORDINAMENTO DIDATTICO

The Council of the Laure Course and the Faculty council, for their respective competencies, define the didactic order, in compliance with the law in force, which foresees, for each degree course, the articulation in basic training activities, characterizing, Related or integrative; At the student's choice, aimed at the final Test, others. Each training activity is divided into disciplinary fields, consisting of official courses, to which relate the relevant disciplinary scientific field.

The didactic order of the degree course is an integral part of this regulation. If it is necessary to make changes to the order (content, denomination, number of courses and number of examinations), the Board of The Bachelor proposes to the Faculty Council the necessary amendments of the regulation.

The didactic system defines the objectives entrusted to each of the disciplinary fields and identifies the most suitable didactic forms for their achievement, articulating the formative activities in teaching courses. If in the same course the teaching tasks are assigned to more than one teacher, the appointment of a coordinator, appointed by the Board of the degree course, is envisaged. The coordinator of a course, in agreement with the CdCL, performs the following functions:
-it represents for the students the reference figure of the course;
-is responsible for the coherence of the programmes of the different teachings with the didactic objectives of the integrated course;
-Verifies the attainment of the frequencies necessary for admission to the examination;
-coordinates the preparation of the examination tests; -presiding, as a rule, the examining Committee.
The Board of the Bachelor's degree can appoint an educational coordinator for each year of the course.

### Type of teaching forms

Within the courses is defined the division of credits and didactic time in different forms of teaching activities, as follows:

### Lesson ex cathedra

"Lesson ex cathedra " (From now on "lesson") is defined as the discussion of a specific topic identified by a title and forming part of the training curriculum foreseen for the course of study, carried out by a teacher, on the basis of a calendar And imparted to students who are regularly enrolled in a specific year of course, even divided into small groups.

### Seminar

The "seminary" is a didactic activity that has the same characteristics of the ex cathedra lesson but it is carried out simultaneously by several teachers, also of different SSDs, and, as such, it is annotated in the register of the lessons. The seminars, can be interuniversity and also made in the form of videoconferences.

### Teaching Tutorials

The didactic activities tutorials are a form of interactive didactics, organized in small groups of students; The didactic activity is coordinated by a tutor, whose task is to facilitate the students entrusted to him in the acquisition of knowledge, skills, behavioural models, in another way of skills useful to the exercise of the profession.
The learning tutorial takes place mainly through the stimuli deriving from the analysis of the problems, through the mobilization of the methodological competences required for the solution of them and for the assumption of decisions, as well as through The direct and personal conduct of actions, procedural and/or executive, in the course of practical exercises and/or internees in laboratories, research facilities, control services and workplaces.
The Council of the course of degree defines precise training objectives of each didactic activity tutoriale, whose achievement is verified in the examination.
The Board of the Bachelor's degree appoints tutors at the beginning of each academic year. On a proposal of the teachers of a course, the CdCL can assign annually, for the carrying out of the task of tutor teacher, also personnel of recognized qualification in the specific training sector.
The Board of the degree course on the proposal of the technical-practical coordinator of the traineeships, appoints at the beginning of each academic year the tutors involved in the internship belonging to the specific professional profile.

**Elective didactic activities (ADE)**

The Board of the undergraduate course organizes the offer of elective didactic activities, achievable with ex-cathedra lessons, seminars, interactive courses in small groups, uncoordinated activities or linked in "homogeneous didactic pathways", among which the Student exercises its own personal option, up to the attainment of a total number of 6 CFU.
Elective activities also include elective traineeships in research facilities or in healthcare facilities.
The Council of the undergraduate course defines the training objectives that the individual elective didactic activities are aimed at. For each elective didactic activity established, the CdCL appoints a responsible person to whom it entrusts the task of evaluating, with defined modalities, the commitment placed by the individual students in achieving the defined training objectives.
The frequency at Hades is compulsory and cannot be less than 75%. Failure to achieve this level of frequency involves the non-admission to the profit check and the non-acquisition of appropriations related to Hades. The verification of profit to Hades gives rise to an evaluation of "suitable/unfit" and is carried out by a Commission constituted by the teachers responsible for the ADE itself. The modalities of the verification are chosen by the teacher (s) according to the typology of Hades and approved by the Board of Undergraduate course, and may be represented by interviews, written reports, questionnaires and may also be held outside the normal Exam sessions. The profit verification must take place by the end of the academic year in which the activity took place.
If the profit verification is not exceeded and/or sustained, the student can agree with the teacher to support it on another date or to renounce to reappear; In this case, he will not be able to acquire any credit. Elective activities, even if assigned to a precise year of course, do not give rise to prerequisities.

**Professional training activities**

During the three years of CL the student is required to acquire specific professionalism.

For this purpose, the student will have to carry out professional training activities by attending the structures identified by the Board of the degree course and in the periods defined by the same, for a total number of at least 60 CFU.
The compulsory internship is a form of didactic activity tutorial that involves the execution of practical activities with ample degrees of autonomy, to simulate the activity carried out at the professional level.
At each stage of the compulsory internship the student is required to operate under the direct control of a tutor.
The didactic functions of the tutor, which are entrusted to students who carry out the activity of compulsory internship, are the same as for the didactic tutorial carried out in the course of teaching.
The Coordinator of the technical-practical activity and of the training course, coordinates the professional tutors and supervises the activities.
The competence acquired with the training activities professional is subjected to evaluation, with modalities established by the Board of the degree course, and is communicated to the Student Secretariat office as "suitable/not suitable" for the training activities of the First semester of each year of the course, and with a final vote in thirtieth of the internship activity certified at the end of the training course of each year, by the teacher coordinator of the technical-practical activity and of the training course.
The Board of the undergraduate can identify non-university care facilities where it can be conducted, in part or in full, the internship, after evaluation and accreditation of their didactic adequacy by the Council of degree course.

**English language**

The Board of the degree course, also with the help of the University Language Center, prepares an English language laboratory course, which allows students to acquire the language skills necessary to read and understand the content of Scientific work on biomedical and technical topics and to communicate with professional equivalents of English-speaking countries. The competence acquired with the activities of the English Language laboratory is subjected to evaluation, in the manner established by the Board of the degree course and is expressed in qualitative evaluation "suitable/Unfit" (first year) for the laboratory activities and with a Final vote in thirtieth (second year).

**Computer lab**

The Board of the undergraduate course prepares a course of computer lab activity, which allows students to acquire the skills necessary for the attainment of the "European computer licence", the competence acquired with the activities of It laboratory is subjected to evaluation, with modalities established by the Board of the degree course, and is expressed in suitable/unsuitable.

**MED/50 Specific Laboratory**

The Council of the course of Laure prepares in the third year a course of activity of scientific Laboratory of 3 CFU in order to let the student acquire the competences of the corresponding professional profile.

**Graduation Thesis Preparation**

The student has at their Disposal 5 CFU to devote to the preparation of the thesis and final test of examination.

## 6. PROCEDURES FOR THE ALLOCATION OF TEACHING TASKS

For the purposes of didactic programming, the Faculty council, on a proposal from the Board of the degree course:
-it defines its own formative aim according to the general objectives described by the professional profile of the graduate in techniques of prevention in the environment and in the workplace, applying to the situation and to the local needs so to be used in Their educational and scientific resources more effectively;
-it approves the curriculum of the studies coherent with its own aims, obtained by aggregating in integrated courses the specific and essential training objectives ("core curriculum") deriving from the disciplinary spheres of the class;
-Ratification, in accordance with individual competences, the attribution to individual teachers of the didactic tasks necessary to attain the training objectives of the "core curriculum".
The Board of the degree course, consulted the coordinators of the courses and the teachers of the scientific-disciplinary fields pertaining to the disciplinary fields of the class, exercises the functions listed in art. 7 of the University didactic Regulation, and in particular:
• Identifies the training objectives of the "core curriculum" and assigns them the formative credits, based on the overall time commitment required of the students for their achievement;
• It aggregates the training objectives in the teaching courses that are functional to the formative aims of the degree course;
• Ratification with the consent of the parties, the afferents to the teaching courses of the teachers, taking into account the didactic needs of the degree course, the membership of the teachers to the disciplinary science sector, their propensities and the load Individual didactics;
• It plans, in concert with the teachers, the assignment to the teachers of the specific didactic tasks, aimed at the achievement of the training objectives of each course, at the same time guaranteeing the training effectiveness and the respect of the competences Individual;
• Identifies with the teachers the didactic methodologies adapted to the achievement of the individual didactic-formative objectives;
• Organizes the offer of elective didactic activities and proposes its activation.

The Board of the undergraduate course also:

• Discuss with the teachers how to prepare the tests (training and certification) of learning evaluation, coherently with the training objectives set;

• Organizes the permanent monitoring of all the didactic activities with the quality assessment of their results, also through the evaluations officially expressed by the students;

• Promotes educational and pedagogical update initiatives for teachers;

• Organizes a permanent tutoring service for students in order to facilitate their progression in studies.

The president of the CdCL is part of the board of Master's degree in sciences of the health Professions of prevention, Master's degree of the 4th class activated by the Faculty of Medicine and Surgery of the university Federico II.

The functions performed by the components of the CDCL are recognized as institutional tasks and are, therefore, certified by the academic authorities as activities related to didactics.

## 7. TUTORING

The Board of the course of the degree identifies, among the teachers of the degree course and the professional figures in service at the company premises of course, the tutors to whom is entrusted a small number of students for the carrying out of the activities profess Ionalizzante provided in the didactic programming document. Each

tutor is required to coordinate their functions with the didactic activities of the teaching courses that share the training objectives.

## 8. OBLIGATION TO FREQUENCY

The frequency to the formal didactic activity, to the integrative activities, to the training activities professional and of internship is obligatory. The examination tests may be carried out only at a frequency of not less than 75% of the total hours provided for each individual teaching. The passage to the following years is permitted only if the student has attended the formal didactic activity and completed the Mount hours of training course provided except as set out in the following point 11 (barrages).

Access to the frequency of the training course of the following year is linked to the positive outcome of the previous year's traineeship.

To be admitted to the final degree examination-which has enabling value-the student must have passed all the exams, and have had a positive assessment of all the traineeships.

The frequency is verified by the teachers, according to the modalities established by the Board of the degree course. The attendance attestation to the compulsory teaching activities of a teaching course is necessary for the student to support the examination.

Absences from the didactic activities of students elected in collegiate bodies, for participation in the same organs, are justified.

## 9. INDEPENDENT LEARNING

The Bachelor's degree guarantees the students independent learning according to the following modalities:

a) individual use, or within small groups, of educational aids made available by the undergraduate course, also with the supervision of the Guardians.

b) interned at university facilities chosen by the student, intended to achieve particular training objectives;

c) Individual study aimed at certification tests.

## 10. DIDACTIC PROGRAMMING

The didactic activities of the years of course after the first, begin no later than the first week of November. The registration to the years of course after the first must take place by 5 November. The registration and the beginning of the didactic activities for the first year of the course will be modulated with the procedures of the admission competition.

## 11. BARRAGES

Only students who, at the end of the September/October exams session or, however, before the beginning of the first semester courses, have passed all the examinations provided for in the study plan, with a Maximum debt of 20 CFU, respecting the prerequisities provided for in the curriculum. The student who has not achieved at least 2/3 of the CFU of the year of course to which he is registered, is registered as "repeating". The 3rd year registration is conditional upon the achievement of the 60 CFU of the 1st year and 40 CFU of the 2nd year. In the event that the student does not acquire the credits necessary for the transition to the following year within three years, the board of the undergraduate will assess the possible obsolescence of the credits acquired by it, indicating any further debts Training to be recovered and to which year of course must enroll. The student is considered "out of course" when, having attended the training activities foreseen by the order, he has not passed the examinations

and other verification tests relating to the entire curriculum and has not acquired the number of credits necessary for the obtaining the title. In the event that the student "out of course" does not acquire the credits necessary for obtaining the final title within two years, the board of the degree will evaluate the obsolescence or not of the receivables acquired in accordance with the preceding subparagraph . The student lapses from his status if he has not passed any of the exams planned.

## 12.VERIFICA DELL'APPRENDIMENTO

The Board of the course of graduation establishes the types and the number of examination tests necessary to evaluate the learning of the students.
The total number of curricular examinations may not exceed that of official courses established by the order.
Learning verification can be done through training evaluations and certification assessments.
Training assessments (ongoing tests) are intended to detect the efficacy of learning and teaching processes in relation to certain content, certification assessments, profit tests, are aimed at evaluating and quantifying With a vote the achievement of the objectives of the courses, certifying the degree of individual preparation of the students.
The examinations of profit can be sustained only during the periods established by the degree course, referred to as "examination sessions". The moments of verification cannot coincide with the periods in which the official activities are held, nor with others which, in any way, may restrict the participation of the students in such activities.
The examination sessions are set in three periods:
1st session in the months January-February-March 2nd session in the months June-July;
3rd session in September/October.
The starting and ending dates of the three exam sessions are set out in the faculty didactic programming. Each session defines the start dates of the calls, which are at least two weeks apart. The number of appeals is fixed in no less than two for each examination session.
The examination board shall consist of at least two teachers engaged in the relevant integrated course and shall, as a rule, be chaired by the Coordinator.
Differentiated evaluation modalities, also consisting of subsequent phases of the same examination, are permitted:-Traditional oral tests and objective and structured written tests (for the evaluation of cognitive objectives, which must cover all the disciplines Of the integrated course in an interdisciplinary perspective);
-Practical tests and simulated tests (for the evaluation of the professional skills and the gestural and relational abilities);
The results of the ongoing tests will also be the only final evaluation element for the judging board.

## 13. TRAINING ACTIVITIES FOR THE PREPARATION OF THE FINAL TEST

The student has the availability of 5 credits aimed at the preparation of the thesis at training facilities. Such activity of the student is referred to as "Graduate internship". The student must submit to the Board of the degree a formal request accompanied by his/her curriculum (list of the exams supported and the votes obtained in each of them, List of elective activities followed, stages in laboratories or clinics or any Other activity done for training purposes) no less than six months before the graduation session.
The Board of the graduate course felt the professors of the CL afferent to the structure, and verified the availability of seats, accomodates the request and entrusts to a teacher-tutor, possibly indicated by the student,

the responsibility of the control and Certification of the activities carried out by the student himself in the structure.

## 14. GRADUATION EXAM

To be eligible for the graduation exam, the student must:-have followed all the courses and have passed the exams;
- have obtained, altogether 175 CFU articulated in 3 years of course;
- Having supported the last examination at least 15 days before the graduation session as set out in the current legislation;
- Have delivered to the Student Secretariat:-Application to the Rector at least 10 days before the graduation session and a copy of the thesis in computer format.
The graduation examination takes place in the two sessions indicated by law, usually in October/November and March/April.

The degree examination, which has the value of a state examination enabling the exercise of the profession, consists of the following tests, which will be held in separate but consecutive days:
-a test of practical skills, aimed at managing a problem of environmental hygiene or hygiene of work or food hygiene, through the programming of an intervention of risk assessment or supervision of compliance with the rules, followed by written report;
-b Drafting and discussion of an elaborate (thesis) of a theoretical-applicative or experimental nature.
To determine the degree vote, expressed in Centodecimi, contribute the following parameters:
a. The arithmetic mean of the votes obtained in the curricular examinations, up to a maximum of 100 points (integrated courses, training course, English language);
b. The evaluation of the practical test with written report, up to a maximum of 10 points;
c. The points awarded by the Graduation Commission in the discussion of the thesis, up to a maximum of 10 points.
The final vote, resulting from the sum of the above-mentioned scores, is attributed by the Graduation examination board, with rounding over or by defect to the nearest whole number. The judging committees, established and appointed in accordance with the rules in force, for the final Test express their vote in Centodecimi and can unanimously grant the praise to the candidate who achieves the highest marks.
The examination is considered to have been exceeded by the attainment of the minimum overall vote of 66/110.

## 15. RECOGNITION OF STUDIES CARRIED OUT AT OTHER VENUES OR OTHER STUDY COURSES

The studies carried out at degree courses in techniques of prevention of other universities of the European Union, as well as the credits in these obtained, are recognized by resolution of the CdCL, after examination of the curriculum transmitted by the University of Origin and Of the programs of the courses in that university accredited.

For the recognition of studies carried out at undergraduate courses in non-Community countries, the CdCL assigns the task to a special commission to examine the curriculum and the programmes of the exams passed in the country of origin.

Having heard the opinion of the Commission, the CdCL recognises the appropriateness of the credits acquired and decides its recognition.

The receivables obtained by a student transferring to the CL TPALL from another bachelor's degree or other university may be recognized after a judgement of appropriateness, expressed by the appropriate commission, with the training objectives of one or more Teachings included in the didactic order of the CL.

After having deliberated the recognition of a defined number of credits, the CdCL has for the regular registration of the student to one of the three years of course, adopting the criterion which establishes that, in order to enroll in a certain year of course, the student must have Passed all the exams planned for previous years, with a maximum debt of 20 credits.

The registration to a certain year of course is however conditioned by the availability of seats, under the programmed number previously deliberate by the Board of the degree course.

## 16. RECOGNITION OF THE DEGREE IN PREVENTION TECHNIQUES IN THE ENVIRONMENT AND IN THE WORKPLACES OBTAINED FROM FOREIGN UNIVERSITIES

The degree in techniques of prevention in the environment and in the workplaces obtained at foreign universities is recognized in the presence of bilateral agreements or international conventions that foresee the equivalence of the title.
Pending the discipline concerning the free movement of graduates within the European Union, the degrees awarded by the Union's universities will be recognised without prejudice to the verification of the documents attesting the appropriateness curricular.
Where there are no agreements between States, on the basis of the combined provisions of articles 170 and 332 of the T.U. on university education, the academic authorities may declare the equivalence case by case. For the purposes of this recognition, the Board of the degree course:
- A. Ascertains the authenticity of the documentation produced and the reliability of the Faculty of origin, based on the attestations of specially qualified central bodies;
- B. Examines the curriculum and evaluates the appropriateness, in relation to the current educational order, of the didactic-formative objectives, of the teaching programmes and of the credits attributed to them at the University of origin.
The student must still take the final exam.
If only a part of the receivables obtained by the foreign graduate is recognised as appropriate by the current order, the Board of the Bachelor's degree will have the registration to one of the three years of course, according to the criterion which, in order to enroll for a given year, The student must have passed all the exams planned for the previous years, with a maximum debt of 20 credits.
The registration to a certain year of course is still conditional on the availability of seats within the programmed number previously decided by the Board of the degree.
Traineeships carried out before or after graduation in foreign, community and vessels offices may be approved for the purpose of admission to the professional qualification examination. For non-EU graduates, the provisions of DPR 31 August 1999, no 394 are recalled.

## 17. ASSESSMENT OF THE EFFICIENCY AND EFFECTIVENESS OF TEACHING

The degree course is subjected to an annual frequency with an evaluation concerning:

-The organizational efficiency of the degree course and its educational facilities;

-The quality and quantity of services made available to students;

-The ease of access to information relating to each field of teaching activity;

-The efficacy and efficiency of analytically considered educational activities, including those aimed at evaluating the degree of learning of students;

-Respect by the teachers of the deliberations of the Board of the degree course;

-The didactic performance of the teachers in the judgement of the students;

-The quality of didactics, with particular regard to the use of computer and audiovisual didactic aids;

-The organization of the tutorial assistance to the 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 Board of The Bachelor's degree, in agreement with the University Evaluation Centre, indicates the criteria, defines the operating modalities, establishes and applies the most appropriate tools to carry out the evaluation of the above listed parameters and to govern the Training processes to ensure their continuous improvement, as provided by the Quality Assurance models.
The evaluation of the commitment and the didactic activities carried out by the teachers is considered, also for the purposes of the distribution of the resources, according to the modalities established by the University Evaluation Centre.
The Board of The Bachelor program and carries out, also in collaboration with degree courses in techniques of prevention of other sites, objective and standardized audits of the knowledge acquired and maintained by the students during the Their learning path verifications are aimed exclusively at evaluating the homogeneity and effectiveness of the teachings and the ability of the students to maintain the information and rational models acquired during their studies.

## 18. PEDAGOGICAL TRAINING OF TEACHING STAFF

Bachelor's degree proposes to the Faculty Council to organize periodically, at least once every two years, pedagogical updating initiatives on the planning techniques and on the didactic and evaluative methodologies for its teachers of Each level. Participation in these initiatives is a title for the certification of the didactic 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.

## 19. WEBSITE OF THE FACULTY OF MEDICINE AND SURGERY (DEGREE COURSE)

The Board of The Bachelor is responsible for the updating on the website of the faculty of all the information useful to the students and to the teaching staff and cares the maximum diffusion of the relevant address.

In the WEB pages related to the degree course, updated before the beginning of each academic year, they must be available for consultation:

-The didactic order;

-The didactic programming, containing the timetable of all the programmed didactic activities, the programmes of the courses accompanied by the indication of the recommended textbooks, the dates set for the examination calls of each course, the place and the time when the Individual teachers are available to receive students;

-The Minutes of the meetings of the Board of the degree course;

-The didactic regulation;

-Possible online teaching aids for self-learning and self-assessment

## 20. STUDY PLAN THE DEGREE

Course is divided into conventional cycles (semesters), which provide for preparatory and complementary didactic areas for the achievement of the training objectives, as explained in point 1 of this regulation, and structured as below.

**STUDY PLAN**

| **L/SNT/4** | **COURSE NAME: PREVENTION TECHNICIAN IN THE ENVIRONMENT AND IN THE WORKPLACE** | | | | |
|---|---|---|---|---|---|
| **FIRST YEAR - FIRST HALF** | | | **CFU** | **President** | **Prerequ isites** |
| INTEGRATED COURSE 1 EXAM | **C.I. PHYSICAL AND STATISTICALMATHEMATICAL SCIENCES** | **DISCIPLINARY AREAS** | | | NO |
| | FIS / 07 - APPLIED PHYSICS | PRELIMINARY SCIENCES 3 | 3 | | |
| | MED / 01 - MEDICAL STATISTICS PRELIMINARY SCIENCES 1 | PRELIMINARY SCIENCES 3 | 1 | | |
| | MAT / 04 - MATHEMATICS PROPAEDEUTICAL SCIENCES 2 | PRELIMINARY SCIENCES 3 | 2 | | |
| | MEDICAL STATISTICS | RELATED OR SUPPLEMENTARY TRAINING ACTIVITIES | 1 | | |
| INTEGRATED COURSE 2 EXAM | **C.I. MORPHOLOGICAL SCIENCES** | **DISCIPLINARY AREAS** | | | NO |
| | BIO/16 - HUMAN ANATOMY | BIOMEDICAL SCIENCE | 2 | | |
| | BIO/13 - APPLIED BIOLOGY | BIOMEDICAL SCIENCE | 2 | | |
| INTEGRATED COURSE 3 EXAM | **C.I. BIOCHEMICAL SCIENCES** | **DISCIPLINARY AREAS** | | | NO |
| | BIO/10 - BIOCHEMISTRY | BIOCHEMICAL SCIENCES | 3 | | |
| | MED/07 - MICROBIOLOGY AND CLINICAL MICROBIOLOGY | BIOCHEMICAL SCIENCES | 1 | | |
| | MED/42 - GENERAL AND APPLIED HYGIENE | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| ELIGIBILITY | IT LABORATORY | | | **3** | NO |
| ELIGIBILITY | INTERNSHIP | | | **10** | NO |
| **TOTAL CFU SEMESTER** | | | | **30** | |

| FIRST YEAR - SECOND HALF | | | | CFU | TOTAL CFU | PREREQUISITES |
|---|---|---|---|---|---|---|
| INTEGRATED COURSE 4 EXAM | C.I. PATHOPHYSIOLOGY | | DISCIPLINARY AREAS | | | C.I. 2 |
| | | BIO/09 - PHYSIOLOGY | BIOMEDICAL SCIENCE | 2 | | |
| | | MED/04 - GENERAL PATHOLOGY | BIOMEDICAL SCIENCE | 2 | | |
| | | BIO/12 - CLINICAL BIOCHEMISTRY AND CLINICAL MOLECULAR BIOLOGY | BIOMEDICAL SCIENCE | 2 | | |
| INTEGRATED COURSE 5 EXAM | C.I. ENVIRONMENTAL SCIENCES | | DISCIPLINARY AREAS | | | C.I. 1 |
| | | ING-INF/02 - ELECTROMAGNETIC FIELDS | PROPAEDEUTICAL SCIENCES | 2 | | |
| | | FIS/07 - APPLIED PHYSICS | PROPAEDEUTICAL SCIENCES | 2 | | |
| | | BIO/07 - ECOLOGY | PROPAEDEUTICAL SCIENCES | 2 | | |
| | | CHIM/12 - CHEMISTRY OF THE ENVIRONMENT AND CULTURAL HERITAGE | INTERDISCIPLINARY SCIENCES | 1 | | |
| INTEGRATED COURSE 6 EXAM | C.I. HYGIENE AND EPIDEMIOLOGY AND OCCUPATIONAL MEDICINE | | DISCIPLINARY AREAS | | | NO |
| | | MED/42 - GENERAL AND APPLIED HYGIENE | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 5 | | |
| | | MED/50 - TECHNOLOGY AND HYGIENE OF WORK I | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| | | MED/50 - TECHNICAL PREVENTION SCIENCES | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 1 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| ELIGIBILITY | IT LABORATORY | | | | **2** | NO |
| ELIGIBILITY | ADE (FREE CHOICE OF STUDENT) | | | | **1** | NO |
| EXAM | INTERNSHIP I | | | | **6** | NO |
| **TOTALE CFU SEMESTRE** | | | | | **30** | |
| **TOTAL CREDITS FIRST YEAR** | | | | | | **60** |

**L/SNT/4**

**COURSE NAME: PREVENTION TECHNICIAN IN THE ENVIRONMENT AND IN THE WORKPLACE**

| **SECOND YEAR - FIRST HALF** | | | | **CFU** | **TOTAL CFU** | **PREREQUISITES** |
|---|---|---|---|---|---|---|
| INTEGRATED COURSE 7 EXAM | **C.I Pharmacology and clinical pathology** | | **DISCIPLINARY AREAS** | | | C.I. 2-4 |
| | | BIO/14 - Pharmacology | First aid | 1 | | |
| | | MED/05 - Clinical Pathology | Surgical medical sciences | 1 | | |
| | | MED/08 - Pathological anatomy | Surgical medical sciences | 1 | | |
| | | MED/50 - Technical Sciences Applied to Prevention | Scienze della prevenzione nell'ambiente e nei luoghi di lavoro | 1 | | |
| INTEGRATED COURSE 8 EXAM | **C.I. Environmental and Work Hygiene** | | **DISCIPLINARY AREAS** | | | C.I. 5-6 |
| | | MED / 42 - General and Applied Hygiene Interdisciplinary clinical sciences | MED / 42 - General and Applied Hygiene Interdisciplinary clinical sciences | 2 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | MED / 50 - Technical Sciences Applied to Prevention Prevention Sciences in the environment and in the workplace | MED / 50 - Technical Sciences Applied to Prevention Prevention Sciences in the environment and in the workplace | 2 | | |
| | | MED / 44 - Occupational Medicine Clinical interdisciplinary sciences | MED / 44 - Occupational Medicine Clinical interdisciplinary sciences | 2 | | |
| INTEGRATED COURSE 9 EXAM | **C.I. Psycho-Sociological Sciences** | | **DISCIPLINARY AREAS** | | | NO |
| | | M-PSI / 06 - Psychology of Work and Organizations Health Management Sciences | M-PSI / 06 - Psychology of Work and Organizations Health Management Sciences | 2 | | |
| | | SPS/07 - General sociology | Human and psychopedagogical sciences | 2 | | |
| | | MED/50 - Technical Sciences Applied to Prevention | Prevention sciences in the environment and in the workplace | 1 | | |
| Eligibility | ADE (free choice of student) | | | | **2** | NO |
| Eligibility | Seminar activities | | | | **1** | NO |
| Eligibility | Internship | | | | **12** | YES I year |
| | | | | | | |
| **total CFU semester** | | | | | **30** | |

| **SECOND YEAR - SECOND SEMESTER** | | | | **CFU** | **TOTAL CFU** | **PREREQUISITES** |
|---|---|---|---|---|---|---|
| INTEGRATED COURSE 10 | **C.I. HYGIENE AND OCCUPATIONAL MEDICINE** | | **DISCIPLINARY AREAS** | | | C.I. 6-8 |
| | | MED/50 - TECHNOLOGY AND HYGIENE OF WORK II | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE | 2 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| EXAM | | | WORKPLACE | | | |
| | | MED/42 - GENERAL AND APPLIED HYGIENE | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 1 | | |
| | | MED/44 - OCCUPATIONAL MEDICINE (RADIOPROTECTION) | CLINICAL INTERDISCIPLINARY SCIENCES | 1 | | |
| | | MED/10 - MALATTIE DELL'APPARATO RESPIRATORIO | DISEASES OF THE RESPIRATORY APPARATUS | 1 | | |
| | | MED/36 – IMAGING DIAGNOSTICS AND RADIOTHERAPY | PREVENTION AND HEALTH SERVICES | 1 | | |
| | | MED/50 - TECHNICAL SCIENCES APPLIED TO PREVENTION | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 1 | | |
| INTEGRATED COURSE 11 EXAM | **C.I. HYGIENE OF FOODS I** | | **DISCIPLINARY AREAS** | | | |
| | | MED/42 - GENERAL AND APPLIED HYGIENE | PROPAEDEUTICAL SCIENCES | 2 | | |
| | | MED/50 - TECHNICAL SCIENCES APPLIED TO PREVENTION | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 1 | | |
| | | AGR/15 - FOOD TECHNOLOGY SCIENCES | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | NO |
| | | MED/43 - MEDICINA LEGALE (TOSSICOLOGIA AMBIENTALE DEGLI ALIMENTI) | LEGAL MEDICINE (ENVIRONMENTAL FOOD TOXICOLOGY) | 1 | | |
| EXAM | LINGUISTIC LABORATORY | | | | **2** | SI |
| ELIGIBILITY | SEMINAR ACTIVITIES | | | | **1** | NO |
| ELIGIBILITY | ADE (FREE CHOICE OF STUDENT) | | | | **2** | NO |
| EXAM | INTERNSHIP II | | | | **12** | YES I YEAR |
| | | | **TOTAL CFU SEMESTER** | | **30** | |

| | | | |
|---|---|---|---|
| | **TOTAL CREDITS ACCORDING TO YEAR** | **60** | |

| | |
|---|---|
| **L/SNT/4** | **COURSE NAME: PREVENTION TECHNICIAN IN THE ENVIRONMENT AND IN THE WORKPLACE** |

| **THIRD YEAR - FIRST HALF** | | | | **CFU** | **TOTAL CFU** | **PREREQUISITES** |
|---|---|---|---|---|---|---|
| INTEGRATED COURSE 12 EXAM | **C.I. Food Hygiene II** | | **DISCIPLINARY AREAS** | | | C.I. 11 |
| | | MED/42 - GENERAL AND APPLIED HYGIENE | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| | | MED/50 - TECHNICAL SCIENCES APPLIED TO PREVENTION | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 1 | | |
| | | VET/04 - INSPECTION OF FOOD OF ANIMAL ORIGIN | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| INTEGRATED COURSE 13 EXAM | **C.I. ENVIRONMENTAL SCIENCES** | | **DISCIPLINARY AREAS** | | | C.I. 5-6-8 |
| | | MED/42 - GENERAL AND APPLIED HYGIENE | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| | | ICAR/20 - URBAN PLANNING TECHNIQUES AND PLANNING | INTERDISCIPLINARY SCIENCES | 2 | | |
| | | MED/50 - TECHNICAL SCIENCES APPLIED TO PREVENTION | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| INTEGRATED COURSE 14 EXAM | **C.I. JURIDICAL AND ECONOMIC SCIENCES** | | **DISCIPLINARY AREAS** | | | C.I. 9 |
| | | IUS/17 - CRIMINAL LAW | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| | | IUS/07 - LABOR LAW | HEALTH MANAGEMENT SCIENCES | 2 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | SECS-P/10 - BUSINESS ORGANIZATION | HEALTH MANAGEMENT SCIENCES | 1 | | |
| Eligibility | SEMINAR ACTIVITIES | | | | **1** | NO |
| Eligibility | ADE (FREE CHOICE OF STUDENT) | | | | **1** | NO |
| Eligibility | INTERNSHIP | | | | **12** | YES II YEAR |
| | | | | | | |
| **TOTAL CFU SEMESTER** | | | | | **30** | |

| **THIRD YEAR - SECOND SEMESTER** | | | | **CFU** | **TOTAL CFU** | **PREREQUISITES** |
|---|---|---|---|---|---|---|
| | | | | | | |
| INTEGRATED COURSE 15 EXAM | **C.I. TECHNICAL SCIENCES APPLIED TO PREVENTION** | | **DISCIPLINARY AREAS** | | | C.I. 6-8-10 |
| | | MED/50 - TECHNOLOGY AND HYGIENE OF WORK III | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| | | ING-IND/09 - ENVIRONMENTAL SAFETY SYSTEM AND FIRE SAFETY | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 1 | | |
| | | ING-IND/33 - ELECTRICAL SYSTEMS AND ELECTRICAL SAFETY | INTERDISCIPLINARY SCIENCES | 1 | | |
| | | ICAR/20 - TECHNIQUE AND URBAN PLANNING (AUTHORIZATION AND ACCREDITATION OF HEALTH FACILITIES) | INTERDISCIPLINARY SCIENCES | 2 | | |
| INTEGRATED COURSE 16 EXAM | **C.I. HYGIENE, OCCUPATIONAL ME DICINE AND FIRST AID** | | **DISCIPLINARY AREAS** | | | C.I. 10 |
| | | MED/42 - WORK HYGIENE | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| | | MED/44 - OCCUPATIONAL MEDICINE (OCCUPATIONAL DISORDERS SURVEILLANCE) | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | MED/50 - TECHNICAL SCIENCES APPLIED TO PREVENTION (SAFETY PLANS) | PREVENTION SCIENCES IN THE ENVIRONMENT AND IN THE WORKPLACE | 2 | | |
| | | MED/45 - NURSING SCIENCES | FIRST AID | 2 | | |
| EXAM | INTERNSHIP III | | | | **8** | YES II year |
| ELIGIBILITY | SSD LABORATORY | | | | **3** | NO |
| | THESIS PREPARATION - FINAL EXAM | | | | **5** | SI |
| **TOTAL CFU SEMESTER** | | | | | **30** | |

| | |
|---|---|
| **TOTAL THIRD YEAR CREDITS** | **60** |

**INTEGRATED COURSE 1: PHYSICAL AND STATISTICAL-MATHEMATICAL SCIENCES**

| |
|---|
| **TEACHINGS: APPLIED PHYSICS, MEDICAL STATISTICS, MATHEMATICS.** |

| | | | |
|---|---|---|---|
| **SCIENTIFIC-DISCIPLINARY SECTORS: FIS / 07, MED / 01, MAT / 04** | | | **CFU:** 7 |
| **TYPE OF TEACHING FORMS AND CRITERIA FOR CALCULATING THE STUDENT'S TIME COMMITMENT: (LEAVE THE BOX EMPTY IF THAT TYPE IS NOT PROVIDED)** | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **EDUCATIONAL OBJECTIVES (MAX 200 CHARACTERS):** ACQUIRE THE ESSENTIAL KNOWLEDGE OF PHYSICS APPLIED TO ENVIRONMENTAL PROBLEMS, WITH PARTICULAR REFERENCE TO THE MEASUREMENT TECHNIQUES USED; ACQUIRE CRITICAL SKILLS TO REJECT UNWARRANTED BELIEFS NOT SUPPORTED BY EVIDENCE AND DATA; IMPLEMENTATION OF RATIONAL INFERENCES THAT ARE CONSISTENT WITH THE OBSERVED FACTS; FORMULATION OF SIGNIFICANT QUESTIONS FOR THE PURPOSE OF ANALYZING AND UNDERSTANDING THE METHODOLOGICAL ASPECTS OF A STATISTICAL STUDY; ACQUIRE THE BASIC MATHEMATICAL KNOWLEDGE FOR THE ANALYSIS OF THE TOPICS OF PHYSICS AND COMPUTER COURSES. | | | |
| **CONTENTS (MAX 100 CHARACTERS FOR CFU):** PHYSICAL QUANTITIES AND THEIR MEASUREMENTS. THE FUNDAMENTALS OF DYNAMICS, THE MECHANICS OF FLUIDS. THE LAWS OF THERMODYNAMICS. ACOUSTICS. ELECTRICITY AND MAGNETISM. BEING ABLE TO PERFORM DESCRIPTIVE AND INFERENTIAL STATISTICAL ANALYSIS. THE STATISTICAL FUNCTIONS. DRAWING OF A STATISTICAL STUDY AND APPLICATION AND INTERPRETATION OF ELEMENTARY HYPOTHESIS TESTS. FUNCTION STUDY; INTEGRALS AND DERIVATIVE**S** | | | |
| **PREPARATORY INSTRUCTIONS:** NONE | | | |
| **PROFIT ASSESSMENT METHODS:** ONGOING TESTS AND / OR FINAL EXAM, INTERVIEW. | | | |

**INTEGRATED COURSE 2: MORPHOLOGICAL SCIENCES**

| | | | |
|---|---|---|---|
| **TEACHINGS: HUMAN ANATOMY, APPLIED BIOLOGY** | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** BIO / 16, BIO / 13 | | | **CFU:** 4 |
| **TYPE OF TEACHING FORMS AND CRITERIA FOR CALCULATING THE STUDENT'S TIME COMMITMENT:** (LEAVE THE BOX EMPTY IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **ALTRO (SPECIFICARE):** | | |
| **EDUCATIONAL OBJECTIVES (MAX 200 CHARACTERS):** ACQUIRE UNDERSTANDING OF THE FUNDAMENTAL BIOLOGICAL ORGANIZATION, THE BASIC CELLULAR PROCESSES OF LIVING ORGANISMS AND THE MOLECULAR BASES OF BIOLOGICAL PHENOMENA; ACQUIRE THE ANATOMY KNOWLEDGE OF THE MAIN SYSTEMS AND DEVICES | | | |
| **CONTENTS (MAX 100 CHARACTERS FOR CFU):** :MAIN MACROMOLECULES OF BIOLOGICAL INTEREST; GENERAL STRUCTURE OF THE EUCHARISTIC CELL; ENERGETIC PHENOMENA; SOLIDARITY BETWEEN CELLS; CELL CYCLE; ASEXUAL AND SEXUAL REPRODUCTION; MUTATIONS; MOLECULAR EFFECTS OF ENVIRONMENTAL POLLUTANTS TOPOGRAPHICAL AND STRUCTURAL ORGANIZATION OF THE HUMAN BODY WITH REGARD TO THE LOCOMOTOR, CARDIOCIRCULATORY, DIGESTIVE, RESPIRATORY, UROGENITAL AND ENDOCRINE SYSTEMS, THE CENTRAL AND PERIPHERAL NERVOUS SYSTEM, THE SENSE ORGANS. | | | |
| **PREPARATORY INSTRUCTIONS:** NONE | | | |
| **PROFIT ASSESSMENT METHODS:** ONGOING TESTS AND / OR FINAL EXAM, INTERVIEW. | | | |

**INTEGRATED COURSE 3: BIOCHEMICAL SCIENCES**

| | | | |
|---|---|---|---|
| **INTEGRATED COURSE 3: BIOCHEMICAL SCIENCES** | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** BIO / 10, MED / 07, MED / 42 | | | **CFU:** 6 |
| **TYPE OF TEACHING FORMS AND CRITERIA FOR CALCULATING THE STUDENT'S TIME COMMITMENT:** ( LEAVE THE BOX<br>EMPTY IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LEZIONE:** 1 | **ADI:** 0 | **LABORATORIO:** 0 |
| | **ALTRO (SPECIFICARE):** | | |
| **EDUCATIONAL OBJECTIVES** (MAX 200 CHARACTERS): ACQUIRE KNOWLEDGE ON THE MEANING OF OXIDATIVE METABOLISM AND CELLULAR DEGENERATIVE PROCESSES; ACQUIRE AND APPLY KNOWLEDGE ON THE CHEMICAL BEHAVIOR OF ACIDS AND BASES AND THEIR AQUEOUS SOLUTIONS; TO KNOW THE CONCEPT OF THERMODYNAMIC EQUILIBRIUM AND THE SPEED OF CHEMICAL TRANSFORMATIONS. | | | |
| **CONTENTS** (MAX 100 CHARACTERS FOR CFU):: AMINO ACIDS AND PROTEINS; DNA AND RNA STRUCTURE; PROTEIN SYNTHESIS; THE CHEMICAL BOND AND ITS FORMATION; ELECTROLYTIC DISSOCIATIONS, ACIDS AND BASES. THE BACTERIAL CELL, THE ENDOGENOUS FLORA, CULTURAL INVESTIGATIONS, THE BACTERIAL RESISTANCE, THE BACTERIAL TAXONOMY, THE MAIN PATHOGENIC MICROORGANISMS OF HYGIENIC INTEREST. VIRUSES. THE CHAIN OF CONTAGION; REPORTING AND NOTIFICATION; EPIDEMIOLOGY AND PROPHYLAXIS OF INFECTIOUS DISEASES. | | | |
| **PREPARATORY INSTRUCTIONS:** NONE | | | |
| **PROFIT ASSESSMENT METHODS:** ONGOING TESTS AND / OR FINAL EXAM, INTERVIEW. | | | |

**INTEGRATED COURSE 4: PHYSIOPATHOLOGY**

| | | | |
|---|---|---|---|
| **TEACHINGS:** PHYSIOLOGY, GENERAL PATHOLOGY, CLINICAL BIOCHEMISTRY AND BIOL. CLINICAL MOLECULAR | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS: BIO / 09, MED / 04, BIO / 12** | | | **CFU:** 6 |
| **TYPE OF TEACHING FORMS AND CRITERIA FOR CALCULATING THE STUDENT'S TIME COMMITMENT:** ( LEAVE THE BOX<br>EMPTY IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **ALTRO (SPECIFICARE):** | | |
| **EDUCATIONAL OBJECTIVES (MAX 200 CHARACTERS):** ACQUIRE THE KNOWLEDGE OF THE FUNCTIONING OF THE DIFFERENT ORGANS AND SYSTEMS OF THE HUMAN BODY; TO KNOW THE PATHOGENETIC MECHANISMS OF PATHOLOGICAL PROCESSES; KNOW THE COMPOSITION OF FOOD AND FOOD REQUIREMENTS. | | | |
| **CONTENTS (MAX 100 CHARACTERS FOR CFU):** PRINCIPLES ON THE CONTROL AND REGULATION SYSTEMS OF THE VARIOUS ORGANS AND DEVICES AND THEIR INTERACTIONS; HINTS ON GENETIC DAMAGE, CLASSIFICATION OF GENETIC DISEASES, GENOTYPE-PHENOTYPE RELATIONSHIP; INFLAMMATION; CELL DEATH. CHEMICALPHYSICAL COMPOSITION OF FOOD, TRACE ELEMENTS, ESSENTIAL NUTRIENTS, METHODS OF CHEMICALPHYSICAL ANALYSIS OF FOOD. | | | |
| **PREREQUISITES:** INTEGRATED COURSE 2 | | | |
| **PROPMODALITY OF PROFIT ASSESSMENT:** TESTS IN ITINERE AND / OR FINAL TEST, INTERVIEW. EDEUTICITÀ: INTEGRATED COURSE 2 | | | |

**INTEGRATED COURSE 5: ENVIRONMENTAL SCIENCES I**

<table>
<tr><td colspan="4">TEACHINGS: ELECTROMAGNETIC FIELDS, APPLIED PHYSICS, ECOLOGY, ENVIRONMENTAL CHEMISTRY AND CULTURAL HERITAGE.</td></tr>
<tr><td colspan="3">SCIENTIFIC-DISCIPLINARY SECTORS: ING-INF / 02, FIS / 07, BIO / 07, CHIM / 12</td><td>CFU: 7</td></tr>
<tr><td colspan="4">TYPE OF TEACHING FORMS AND CRITERIA FOR CALCULATING THE STUDENT'S TIME COMMITMENT: ( LEAVE THE BOX<br>EMPTY IF THAT TYPE IS NOT PROVIDED)</td></tr>
<tr><td rowspan="2">HOURS OF STUDY FOR EACH HOUR OF:</td><td>LESSON: 1</td><td>ADI: 0</td><td>LABORATORY: 0</td></tr>
<tr><td colspan="3">OTHER (SPECIFY):</td></tr>
<tr><td colspan="4">EDUCATIONAL OBJECTIVES (MAX 200 CHARACTERS): KNOWLEDGE: THE MAIN CAUSES OF DETERIORATION OF THE ENVIRONMENT AND CULTURAL HERITAGE; THE MAIN CAUSES OF POLLUTION; ACQUIRE KNOWLEDGE ON ENERGY RISKS FROM RADIATION AND ELECTROMAGNETIC FIELDS IN THE ENVIRONMENT AND IN THE WORKPLACE.</td></tr>
<tr><td colspan="4">CONTENTS (MAX 100 CHARACTERS FOR ECTS):: ELEMENTS OF RADIATION PHYSICS: PROPERTIES OF ALPHA AND BETA PARTICLES, X-RAYS AND GAMMA, AND NEUTRONS; RADIATION DETECTION METHODS; INTERACTION OF RADIATION WITH MATTER. CHARACTERI STICS OF ELECTROMAGNETIC WAVES; SOURCES, BIOLOGICAL EFFECTS, SHIELDING AND<br>CONFINEMENT WITH THE MAIN NORMATIVE REFERENCES AND MEASUREMENT METHODOLOGIES; LASER: CHARACTERISTICS AND CLASSIFICATION. THE RISK OF "ENVIRONMENTAL" AND "CULTURAL" HERITAGE; DEFINIT ION OF POLLUTANTS IN RELATION TO THE DIFFERENT ENVIRONMENTAL SECTORS; EFFECTS OF CHEMICAL POLLUTANTS ON CULTURAL HERITAGE.</td></tr>
<tr><td colspan="4">PREREQUISITES: INTEGRATED COURSE 1</td></tr>
<tr><td colspan="4">PROFIT ASSESSMENT METHODS: ONGOING TESTS AND / OR FINAL EXAM, INTERVIEW.</td></tr>
</table>

**INTEGRATED COURSE 6: HYGIENE AND EPIDEMIOLOGY AND OCCUPATIONAL MEDICINE**

<table>
<tr><td colspan="4">TEACHINGS: GENERAL AND APPLIED HYGIENE, TECHNOLOGY AND HYGIENE OF WORK I, TECHNICAL SCIENCES OF PREVENTION</td></tr>
<tr><td colspan="3">SCIENTIFIC-DISCIPLINARY SECTORS: MED / 42, MED / 50</td><td>CFU: 8</td></tr>
<tr><td colspan="4">TYPE OF TEACHING FORMS AND CRITERIA FOR CALCULATING THE STUDENT'S TIME COMMITMENT: ( LEAVE THE BOX<br>EMPTY IF THAT TYPE IS NOT PROVIDED)</td></tr>
<tr><td rowspan="2">HOURS OF STUDY FOR EACH HOUR OF:</td><td>LESSON: 1</td><td>ADI: 0</td><td>LABORATORY: 0</td></tr>
<tr><td colspan="3">ALTRO (SPECIFICARE):</td></tr>
<tr><td colspan="4">EDUCATIONAL OBJECTIVES (MAX 200 CHARACTERS): ACQUIRE KNOWLEDGE ON THE CRITERIA FOR MEASURING THE HEALTH STATUS OF POPULATIONS, ON METHODS OF SETTING UP AND CONDUCTING EPIDEMIOLOGICAL STUDIES. ACQUIRE KNOWLEDGE ON TECHNOLOGICAL CYCLES IN PRODUCTION ACTIVITIES AND METHODS FOR ASSESSING WORK RISKS.</td></tr>
<tr><td colspan="4">CONTENTS (MAX 100 CHARACTERS FOR ECTS): DISCIPLINE FOR THE MANAGEMENT AND PROTECTION OF SURFACE, UNDERGROUND AND MARINE WATERS; POTABILITY REQUIREMENTS; MINERAL WATERS; BATHING WATERS; SAMPLES AND CHECKS FOR THE BATHING JUDGMENT; MARINE POLLUTION. THE QUALITY OF THE AIR.<br>MEASURES OF THE HEALTH STATUS OF THE POPULATIONS. ANALYSIS OF CURRENT EPIDEMIOLOGICAL DATA.<br>OBSERVATIONAL EPIDEMIOLOGICAL STUDIES: DESCRIPTIVE, TRANSVERSAL, CASE-CONTROL AND COHORT. EXPERIMENTAL EPIDEMIOLOGICAL STUDIES. RISK MEASURES IN EPIDEMIOLOGY. ENVIRONMENTAL AND OCCUPATIONAL EPIDEMIOLOGY. HEALTH INDICATORS. HEALTH INFORMATION FLOWS. EVALUATION OF THE EFFECTIVENESS OF HEALTH INTERVENTIONS.<br>INTRODUCTION TO INDUSTRIAL TECHNOLOGY. TECHNOLOGICAL CYCLES IN THE MINING INDUSTRY: QUARRIES AND MINES. METALLURGY AND ALLIGATION. THE METALWORKING INDUSTRY: CYCLES AND EQUIPMENT. THE WOOD INDUSTRY AND WOOD DERIVATIVES AND SURROGATES. OIL EXTRACTION AND DISTILLATION PROCESSES. STORAGE AND TRANSPORTATION OF MINERAL FUELS. PRODUCTION AND PROCESSING OF PLASTIC MATERIALS.<br>WORK RISK: DEFINITIONS AND CAUSES. THE METHODS OF BIOLOGICAL, CHEMICAL, SOUND, THERMAL, ELECTRICAL AND RADIATION RISK ASSESSMENT. ERGONOMIC JOB EVALUATION: PRINCIPLES OF APPLIED ANTHROPOMETRY. ITALIAN RULES ON THE SUBJECT OF CONTROL OF WORK RISKS.</td></tr>
<tr><td colspan="4">Preparatory instructions: None</td></tr>
<tr><td colspan="4">Profit assessment methods: ongoing tests and / or final exam, interview.</td></tr>
</table>

**INTEGRATED COURSE 7: PHARMACOLOGY AND CLINICAL PATHOLOGY**

<table>
<tr><td colspan="4">TEACHINGS: PHARMACOLOGY, CLINICAL PATHOLOGY, PATHOLOGICAL ANATOMY, TECHNICAL SCIENCES APPLIED TO PREVENTION</td></tr>
<tr><td colspan="3">SCIENTIFIC-DISCIPLINARY SECTORS: BIO / 14, MED / 05, MED / 08, MED / 50</td><td>CFU: 4</td></tr>
<tr><td colspan="4">SCIENTIFIC AREAS - DISTIPOLOGY OF EDUCATIONAL FORMS AND CRITERION FOR THE CALCULATION OF THE EMPLOYMENT TIME OF THE STUDENT: (LEAVE THE EMPTY BOX IF THAT TYPE IS NOT PROVIDED) CIPLINARIES: BIO / 14, MED / 05, MED / 08, MED / 50</td></tr>
<tr><td rowspan="2">HOURS OF STUDY FOR EVERY HOUR OF:</td><td>LESSON: 1</td><td>ADI: 0</td><td>LABORATORY: 0</td></tr>
<tr><td colspan="3">OTHER (SPECIFY):</td></tr>
<tr><td colspan="4">TRAINING OBJECTIVES (MAX 200 CHARACTERS): ACQUIRE THE KNOWLEDGE ABOUT THE CHEMICAL CONTAINMENT OF DRUGS AND THE RISKS OF THEM FOR THE ENVIRONMENT, ON THE ANATOMIC-PATHOLOGICAL ALTERATIONS RELATED TO EXPOSURE TO ENVIRONMENTAL AND WORKING TOXICS. TRAINING IN SAFETY IN RESEARCH LABORATORIES AND PATHOLOGICAL ANATOMY.</td></tr>
<tr><td colspan="4">ONTENTS (MAX 100 CHARACTERS FOR CFU): THE COMPOSITION OF DRUGS. ACTION MECHANISMS. RELEVANT ASPECTS OF PHARMACOCYNESIA. CORRECT USE AND COLLATERAL AND ADVERSE EFFECTS OF DRUGS. PHARMACOEPIDEMIOLOGY AND PHARMACOVIGILANCE. MECHANISMS OF INFLAMMATION AND INFECTION.<br>ANATOMICAL-PATHOLOGICAL ALTERATIONS OBTAINING EXPOSURE TO ENVIRONMENTAL AND WORKING POLLUTANTS: PROFESSIONAL TUMORS, IRRITATIVE AND ALLERGIC DERMATITES, HEPATOPATHIES AND NEPHROPATHIES FROM CHEMICAL AGENTS.</td></tr>
<tr><td colspan="4">PROPEDEUTICITY: INTEGRATED COURSES 2 AND 4</td></tr>
<tr><td colspan="4">METHOD OF ASSESSING THE PROFIT: TESTS IN ITINERIES AND / OR FINAL TEST, INTERVIEW.</td></tr>
</table>

**INTEGRATED COURSE 8: ENVIRONMENTAL AND WORK HYGIENE**

<table>
<tr><td colspan="4">Teachings: ENVIRONMENTAL HYGIENE AND LEGISLATION, TECHNICAL SCIENCES APPLIED TO PREVENTION, OCCUPATIONAL MEDICINE</td></tr>
<tr><td colspan="3">Scientific-disciplinary Sectors: MED/42, MED/50, MED/44</td><td>CFU: 6</td></tr>
<tr><td colspan="4">Typology Of Didactic Forms And Criterion For Calculating The Student's Hourly Commitment: (Leave The Box Blank If That Type Is Not Provided)</td></tr>
<tr><td rowspan="2">HOURS OF STUDY FOR EACH HOUR OF:</td><td>LESSON: 1</td><td>ADI: 0</td><td>LABORATORY: 0</td></tr>
<tr><td colspan="3">OTHER (SPECIFY):</td></tr>
<tr><td colspan="4">TRAINING OBJECTIVES (MAX 200 CHARACTERS): ACQUIRING KNOWLEDGE ON THE CRITERIA AND STANDARDS FOR AIR QUALITY CONTROL IN OPEN AND CONFINED ENVIRONMENTS; ACQUIRE KNOWLEDGE ON SAFETY STANDARDS AND MAINTENANCE OBLIGATIONS IN WORKPLACES; ACQUIRE KNOWLEDGE ABOUT THE SAFE MANAGEMENT OF WORK ACTIVITIES.</td></tr>
<tr><td colspan="4">CONTENTS (MAX 100 CHARACTERS FOR CFU): MONITORING OF AIR QUALITY, LIMIT VALUES AND QUALITY OBJECTIVES, CONTROL LEGISLATION. INDOOR ENVIRONMENTS: PHYSICAL, CHEMICAL AND ENERGY MICROPOLLUTANTS. THE BIOLOGICAL RISK IN OPEN AND CONFINED PLANTS. CHECKS FOR MAINTENANCE AND INSPECTIONS IN WORKING ENVIRONMENTS AND IN EQUIPMENT AND INSTALLATIONS: ELECTRICAL, FLUID HANDLING, LIFTING, ELEVATORS AND LIFTS, MACHINE TOOLS. PROTECTIVE EQUIPMENT IN THE WORKPLACE, SIGNPOSTING AND BILLBOARDS, PPE, LABELLING AND RISK PHRASES.</td></tr>
<tr><td colspan="4">PREREQUISITIES: INTEGRATED COURSES 5 AND 6</td></tr>
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| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. |

**INTEGRATED COURSE 9 PSYCHO-SOCIOLOGICAL SCIENCES**

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|---|---|---|---|
| **TEACHINGS:** PSYCHOLOGY OF WORK AND ORGANIZATIONS, GENERAL SOCIOLOGY, TECHNICAL SCIENCES APPLIED TO PREVENTION | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** M-PSI/06, SPS/07, MED/50 | | | **CFU:** 5 |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| **HOURS OF STUDY FOR EACH HOUR OF:** | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS):): TO ACQUIRE THE KNOWLEDGE OF THE PSYCHOLOGICAL METHODS APPLIED TO THE SOCIAL AND WORKING ORGANIZATIONS. ACQUIRING KNOWLEDGE AND METHODS FOR THE EVALUATION BETWEEN COMMUNITY AND ENVIRONMENT, URBAN AND WORKING SETTLEMENTS, MAN AND WORKING RELATIONSHIPS. | | | |
| **CONTENTS (**MAX 100 CHARACTERS FOR CFU): INTRODUCTION TO THE METHODS OF SOCIAL AND WORK PSYCHOLOGY. THE WORKING GROUP AND THE ADJUSTMENT DYNAMICS. THE BALANCE BETWEEN WORKERS AND WORKING ORGANIZATIONS. THE PHENOMENA OF MISMATCH: STRESS, BURN-OUT, MOBBING.<br>ENVIRONMENTAL SOCIOLOGY. SOCIOLOGY OF ORGANIZATIONS.. ENVIRONMENTAL AND SOCIAL COMPATIBILITY OF URBAN AND PRODUCTIVE DEVELOPMENTS. THE TERRITORIAL INFORMATION SYSTEMS. THE COMPATIBLE EXPLOITATION OF ENVIRONMENTAL RESOURCES. THE PROGRAMMING OF PRODUCTION DEVELOPMENT INTERVENTIONS. | | | |
| **PREREQUISITIES:** NO | | | |
| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. | | | |

**INTEGRATED COURSE 10: HYGIENE AND OCCUPATIONAL MEDICINE**

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| **TEACHINGS:** TECHNOLOGY AND HYGIENE OF WORK II, GENERAL AND APPLIED HYGIENE (HYGIENE OF THE LIVING AND WORKING ENVIRONMENTS), OCCUPATIONAL MEDICINE III (ENVIRONMENTAL AND OCCUPATIONAL TOXICOLOGY), DISEASES OF THE RESPIRATORY SYSTEM, TECHNICAL SCIENCES APPLIED TO PREVENTION | | | |
| **SETTORI SCIENTIFICO-DISCIPLINARI:** WITH/50, WITH/42, WITH/36, WITH/44, WITH/10 | | | **CFU:** 7 |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** **(**LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON:** 1 | **ADI:** 0 | **LABORATORY:** 0 |
| | **OTHER (SPECIFY):** | | |

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| **TRAINING OBJECTIVES (**MAX 200 CHARACTERS): ACQUIRING KNOWLEDGE ON FOOD SUPPLY, PRESERVATION AND TRANSFORMATION TECHNOLOGIES. ACQUIRE KNOWLEDGE ON METHODS OF EVALUATING MICROCLIMATE AND INDOOR POLLUTANTS. ACQUIRE KNOWLEDGE ON THE MECHANISMS OF ABSORPTION, ACTION AND ELIMINATION OF INDUSTRIAL TOXICS AND ON THE RISK PREVENTION CRITERIA. ACQUIRE THE KNOWLEDGE ON THE MAIN ORGAN PATHOLOGIES RELATED TO THE WORK. |

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| **CONTENTS** (MAX 100 CHARACTERS FOR CFU): AGRICULTURAL PRODUCTION: TRADITIONAL AND ORGANIC AGRICULTURE, AGRICULTURAL MACHINERY. THE HARVEST OF AGRICULTURAL PRODUCTS. INDUSTRIAL PROCESSING OF AGRICULTURAL PRODUCTS: PRODUCTION OF GROUND AND FLOUR, DRY AND WET KNEADING. CANNING INDUSTRY: JAMS, JAMS, SYRUPS, CANNED GOODS, FROZEN FOODS. FISHING: THE METHODS OF CONSERVATION OF FISH (DRYING, FUMIGATION, SALTING, BAKING, FREEZING). CONFECTIONERY PRODUCTS. GLAZING AND CERAMICS PRODUCTION. THE MICROCLIMATE IN LIVING AND WORKING ENVIRONMENTS. INDOOR POLLUTION IN DOMESTIC AND TERTIARY ENVIRONMENTS. SANITARY ENVIRONMENTS: NATURE AND METHODS OF ASSESSMENT OF BIOLOGICAL, CHEMICAL AND PHYSICAL POLLUTION. THE ITALIAN LEGISLATION FOR THE CONTROL OF ENVIRONMENTAL POLLUTION.<br>ENVIRONMENTAL AND INDUSTRIAL TOXICS: SOURCES OF EMISSION, ENVIRONMENTAL DIFFUSION AND CONFINED SPACES. ABSORPTION, TRANSFORMATION AND ELIMINATION OF ENVIRONMENTAL AND INDUSTRIAL TOXICS. EFFECTS ON HUMAN HEALTH. ENVIRONMENTAL PREVENTION CRITERIA: THE LIMIT VALUES. LEGISLATION IN THE FIELD OF RISK CONTROL: MEASUREMENTS IN THE ENVIRONMENT.<br>THE ACTIVITY OF PUBLIC HYGIENE SERVICES. ENVIRONMENTAL INSPECTIONS: METHODS AND TECHNICAL REPORTS. RESPIRATORY IRRITATION AND ALLERGIC PATHOLOGIES FROM ENVIRONMENTAL AND WORKING POLLUTANTS. |
| **PREREQUISITIES:** INTEGRATED COURSES 6 AND 8 |
| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. |

**INTEGRATED COURSE 11: FOOD HYGIENE I**

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|---|---|---|---|
| **TEACHINGS:** GENERAL AND APPLIED HYGIENE, TECHNICAL SCIENCES APPLIED TO PREVENTION, SCIENCE OF FOOD TECHNOLOGIES, FORENSIC MEDICINE (ENVIRONMENTAL TOXICOLOGY OF FOOD) | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** MED/42, MED/50, AGR/15, MED/43 | | | **CFU:** 6 |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): ACQUIRING KNOWLEDGE ON THE OBLIGATIONS AND METHODS OF QUALITY CONTROL AND FOOD SAFETY, ON FOOD PRODUCTION METHODS AND ON THE RISKS TO THE ENVIRONMENT IN PRODUCTION AND DISPOSAL. | | | |
| **CONTENTS** (MAX 100 CHARACTERS FOR CFU): PRIMARY AND SECONDARY CONTAMINATION FACTORS OF FOOD OF BIOLOGICAL AND CHEMICAL NATURE, PHYTOSANITARY, HACCP, MANAGEMENT AND ORGANIZATIONAL ASPECTS OF THE PRODUCTION CHAIN, THE ALERT SYSTEM AND TRACEABILITY. THE PRODUCTION PROCESSES OF FOOD AND BEVERAGES: BREAD, PASTA, BUTTER, MILK AND DAIRY PRODUCTS, OILS, RICE, VEGETABLE PRESERVES, BEER, WINE, VINEGAR. | | | |
| **CONTENTS (**MAX 100 CHARACTERS FOR CFU): PRIMARY AND SECONDARY CONTAMINATION FACTORS OF FOOD OF BIOLOGICAL AND CHEMICAL NATURE, PHYTOSANITARY, HACCP, MANAGEMENT AND ORGANIZATIONAL ASPECTS OF THE PRODUCTION CHAIN, THE ALERT SYSTEM AND TRACEABILITY. THE PRODUCTION PROCESSES OF FOOD AND BEVERAGES: BREAD, PASTA, BUTTER, MILK AND DAIRY PRODUCTS, OILS, RICE, VEGETABLE PRESERVES, BEER, WINE, VINEGAR. | | | |

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| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. |

**INTEGRATED COURSE 12: FOOD HYGIENE II**

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|---|---|---|---|
| **TEACHINGS:** FOOD HYGIENE, TECHNICAL SCIENCES APPLIED TO PREVENTION, INSPECTION OF FOOD OF ANIMAL ORIGIN | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** MED/42, MED/50, VET/04 | | | **CFU:** 5 |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): TO ACQUIRE KNOWLEDGE ON THE WAYS OF PRODUCTION OF FOOD OF ANIMAL ORIGIN AND ON THE CRITERIA FOR QUALITY CONTROL IN PRODUCTION AND DISTRIBUTION. | | | |
| **CONTENTS** (MAX 100 CHARACTERS FOR CFU): NATIONAL AND COMMUNITY LEGISLATION ON FOOD CONTROL, COMMUNITY REGULATION 178/2002, GENERAL AND SPECIAL PART, PNR: APPLICATION PART, COMMUNITY REGULATION 882/04, LABELLING OF FOODSTUFFS OF ANIMAL ORIGIN, OFFICIAL CONTROL AND SAMPLING OF FOOD, INSPECTION METHODOLOGY IN THE PLACES OF PRODUCTION, PROCESSING AND RESALE OF FOODSTUFFS OF ANIMAL ORIGIN, PROCEDURE OF PICK-UP AND STORAGE, TRANSPORT AND ANALYSIS OF FOOD SAMPLES OF ANIMAL ORIGIN. | | | |
| **PREREQUISITIES: INTEGRATED COURSE 11** | | | |
| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. | | | |

**INTEGRATED COURSE 13: ENVIRONMENTAL SCIENCES II**

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| **TEACHINGS:** GENERAL AND APPLIED HYGIENE (WASTE WATER, SOIL AND WASTE), TECHNICAL AND URBAN PLANNING (BUILDING TYPOLOGIES AND SECURITY PROJECT), TECHNICAL SCIENCES APPLIED TO PREVENTION | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** MED/42, ICAR/20, MED/50 | | | **CFU: 6** |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): ACQUIRING KNOWLEDGE OF WASTE WATER TREATMENT METHODS AND THE NATIONAL AND COMMUNITY REGULATORY LEGISLATION. ACQUIRING KNOWLEDGE ON THE CHARACTERISTICS OF BUILDING BUILDINGS | | | |
| **CONTENT** (MAX 100 CHARACTERS FOR CFU): NATIONAL AND COMMUNITY LEGISLATION ON WASTEWATER AND WASTE WATER. THE RONCHI DECREE. PROTECTION OF WATER AND SOIL FROM POLLUTION. METHODS OF TREATMENT OF SEWAGE. SAMPLING AND ANALYSIS OF SEWAGE. CLASSIFICATION OF SOLID WASTE: MUNICIPAL, HAZARDOUS AND SANITARY WASTE. METHODS OF COLLECTION, STORAGE AND TREATMENT. THE CONSTRUCTION SITES. TYPES OF CONSTRUCTIONS. THE STRUCTURAL RISK. THE REQUIREMENTS OF WHEELCHAIR AND USABILITY OF THE BUILDINGS. | | | |

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| **PREREQUISITIES:** INTEGRATED COURSES 5, 6 AND 8 |
| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. |

**CORSO INTEGRATO 14: SCIENZE GIURIDICHE ED ECONOMICHE**

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|---|---|---|---|
| **TEACHINGS:** CRIMINAL LAW, LABOUR LAW, BUSINESS ORGANIZATION | | | |
| **SCIENTIFIC-DISCIPLINARY FIELDS:** IUS/17, IUS/07, SECS-P/10 | | | **CFU: 5** |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): ACQUIRING THE KNOWLEDGE OF CRIMINAL LAW IN THE FIELD OF OFFENCES AGAINST THE ENVIRONMENT, SAFETY AT WORK AND FOOD SAFETY. TO ACQUIRE THE KNOWLEDGE ON THE ITALIAN AND COMMUNITY RULES THAT REGULATE THE WORKING RELATIONSHIPS. ACQUIRE KNOWLEDGE ON THE PRINCIPLES OF ORGANIZATION AND BUSINESS ECONOMICS. | | | |
| **CONTENT** (MAX 100 CHARACTERS FOR CFU): FUNDAMENTALS OF CRIMINAL LAW. RULES, INDICATIONS AND PENALTIES FOR FOOD COUNTERFEITING, ENVIRONMENTAL OFFENCES, AND NON-COMPLIANCE IN THE FIELD OF OCCUPATIONAL SAFETY AND HYGIENE.<br>REGULATION OF WORK IN ITALY IN THE CONSTITUTION, CIVIL CODE AND LAWS. THE STATUTE OF THE WORKERS. THE<br>PUBLIC WELFARE AND INSURANCE SYSTEM: DISABILITY AND DISABILITY. ESSENTIAL PRINCIPLES OF BUSINESS ORGANIZATION. ORGANIZATIONAL AND COMMUNICATIVE MODELS AND ECONOMIC EVALUATIONS IN PUBLIC AND PRIVATE COMPANIES. | | | |
| **PREREQUISITIES:** INTEGRATED COURSE 9 | | | |
| **METHOD OF ASCERTAINING THE PROFIT**: TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. | | | |

**INTEGRATED COURSE 15: TECHNICAL SCIENCES APPLIED TO PREVENTION**

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| **TEACHINGS:** TECHNOLOGY AND HYGIENE OF WORK III, ENVIRONMENTAL SAFETY AND FIRE SAFETY SYSTEMS, ELECTRICAL AND ELECTRICAL SAFETY SYSTEMS, TECHNICAL AND URBAN PLANNING (AUTHORIZATION AND ACCREDITATION OF SANITARY STRUCTURES) | | | |
| **SCIENTIFIC-DISCIPLINARY FIELDS:** MED/50, ING-IND/09, ING-IND/33, ICAR/20 | | | **CFU:** 6 |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): COMPLETE THE KNOWLEDGE ON THE TECHNOLOGICAL CYCLES OF THE MOST COMMON INDUSTRIAL AND ARTISANAL PROCESSES. GAIN KNOWLEDGE ON THE PRINCIPLES OF FIRE AND DISASTER SAFETY. | | | |

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| **CONTENTS** (MAX 100 CHARACTERS PER CFU): THE PRODUCTION OF RUBBER AND ELASTIC MATERIALS. THE PRODUCTION OF THE PAPER AND THE ASSIMILATED PRODUCTS: BANKNOTES AND VALUES. THE PRODUCTION OF PAINTS, COLOURS AND INKS. THE PRINTING INDUSTRY. THE PRODUCTION OF DETERGENTS AND COSMETICS. JEWELLERY PRODUCTION AND THE PROCESSING OF PRECIOUS. PRECISION METALWORKING: WATCHES AND MEASURING INSTRUMENTS. THE ELECTRONICS INDUSTRY. THE PRODUCTION OF ELECTRICITY. EXTRACTION AND TRANSFORMATION OF BUILDING MATERIALS: CRUSHED, CEMENT, MORTAR, BITUMINOUS MATERIALS. RAIL, AIR AND RUBBER TRANSPORT. OBJECTIVES AND FOUNDATIONS OF FIRE PREVENTION: PROTECTION OF HUMAN SAFETY, PROTECTION OF GOODS, CONNECTION OF FIRE PREVENTION WITH THE ACCIDENT AND THE SYSTEM OF PREVENTION OF THE NATIONAL HEALTH SERVICE. APPLICATION ELEMENTS, DISCUSSION OF THE CURVE T = F (T) FOR REAL FIRE:<br>DEFINITION OF THE STANDARD CURVE, CRITERIA OF FIRE RESISTANCE, CLASSIFICATION OF MATERIALS, PROTECTIVE MATERIALS OF STRUCTURES (FIREPROOFING), COOLING SYSTEMS AND PROTECTIVE DEVICES. PREVENTION CRITERIA IN BUILDINGS, VERIFICATION AND PLANNING OF EVACUATION MEASURES IN EMERGENCY CONDITIONS, FIRE LOAD AND CLASS OF BUILDINGS, CAPACITY OF RUNOFF. |
| **PREREQUISITIES:** INTEGRATED COURSES 6, 8 AND 10 |
| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. |

**INTEGRATED COURSE 16: HYGIENE, OCCUPATIONAL MEDICINE AND FIRST AID**

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|---|---|---|---|
| **TEACHINGS**: WORK HYGIENE, OCCUPATIONAL MEDICINE (PROFESSIONAL HEALTH SURVEILLANCE), TECHNICAL SCIENCES APPLIED TO PREVENTION (SAFETY PLANS), NURSING SCIENCES | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS**: MED/42, MED/44, MED/50, MED/45 | | | **CFU: 8** |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): ACQUIRING KNOWLEDGE ON WAYS OF ASSESSING THE HYGIENE AND SAFETY CONDITIONS OF THE WORKPLACE. ACQUIRE KNOWLEDGE ON THE PATHOLOGIES RELATED TO WORK AND ON THE OBLIGATORY FULFILLMENTS TO THE FEEDBACK OF THEM. ACQUIRE THE KNOWLEDGE ON THE MAIN REANIMATION MANEUVERS. | | | |
| **CONTENTS** (MAX 100 CHARACTERS PER CFU): THE INSPECTIONS IN THE WORKPLACE. THE RECONNAISSANCE OF THE DANGERS. THE WEIGHTED ESTIMATION OF THE WORKING RISK. COMPLIANCE CHECKLISTS. THE METHODS OF THE ENVIRONMENTAL SAMPLING. DIRECT ANALYSES IN WORK ENVIRONMENTS: COLORIMETRIC METHODS, GAS AND VAPOUR ANALYSES. THE WORK HYGIENE LAB. THE PRESENTATION OF THE RESULTS. CONCEPTS OF OCCUPATIONAL DISEASE AND WORK RELATED DISEASE. THE MAIN AND MOST WIDESPREAD OCCUPATIONAL DISEASES. PROFESSIONAL CANCERS. THE OBLIGATION TO REPORTING AND TO DENOUNCE. THE PUBLIC INSURANCE SYSTEM. THE WORK ACCIDENT: THE ACCIDENT REGISTER. HEALTH SURVEILLANCE: OBLIGATIONS, CONTENT, RESPONSIBILITY.<br>THE FUNCTIONS OF THE SUPERVISORY BODY: CONTROL OF WORKPLACES, PERFORMANCE IN CASE OF OCCUPATIONAL ILLNESS AND ACCIDENT AT WORK. BASIC LIFE SUPPORT-DEFIBRILLATION (BLS-D), THE FIRST AID TRAINING IN THE COMPANY. | | | |
| **PREREQUISITIES:** INTEGRATED COURSE 10 | | | |
| **METHOD OF ASCERTAINING THE PROFIT:** TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. | | | |

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**INTEGRATED COURSE ENGLISH LANGUAGE**

<table>
<tr><td colspan="4">TEACHINGS: ENGLISH LANGUAGE</td></tr>
<tr><td colspan="3">SCIENTIFIC-DISCIPLINARY FIELDS: L-LIN/12</td><td>CFU: 4</td></tr>
<tr><td colspan="4">TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:<br>(LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED)</td></tr>
<tr><td rowspan="2">HOURS OF STUDY FOR EACH HOUR OF:</td><td>LESSON: 1</td><td>ADI: 0</td><td>LABORATORY: 0</td></tr>
<tr><td colspan="3">OTHER (SPECIFY):</td></tr>
<tr><td colspan="4">TRAINING OBJECTIVES (MAX 200 CHARACTERS): EUROPEAN LEVEL A2: IT MANAGES TO UNDERSTAND ISOLATED PHRASES AND EXPRESSIONS OF FREQUENT USE RELATING TO AREAS OF IMMEDIATE RELEVANCE. IT MANAGES TO COMMUNICATE IN ROUTINE ACTIVITIES THAT REQUIRE ONLY AN EXCHANGE OF SIMPLE AND DIRECT INFORMATION ON FAMILIAR AND HABITUAL TOPICS. HE MANAGES TO DESCRIBE IN SIMPLE TERMS ASPECTS OF HIS OWN LIFE AND OF HIS OWN ENVIRONMENT AND ELEMENTS THAT REFER TO IMMEDIATE NEEDS.</td></tr>
<tr><td colspan="4">CONTENTS (MAX 100 CHARACTERS PER CFU): KNOWLEDGE OF THE LINGUISTIC STRUCTURE BOTH WRITTEN AND SPOKEN WITH PARTICULAR REGARD TO THE SPECIFIC PROFESSIONAL AREASI.</td></tr>
<tr><td colspan="4">PREREQUISITIES: SUITABILITY ENGLISH LANGUAGE I</td></tr>
<tr><td colspan="4">METHOD OF ASCERTAINING THE PROFIT: TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW.</td></tr>
</table>

**TRAINING COURSE I**

<table>
<tr><td colspan="4">TEACHINGS: 1ST YEAR TRAINING COURSE</td></tr>
<tr><td colspan="3">SCIENTIFIC-DISCIPLINARY SECTORS: MED/50</td><td>CFU: 16</td></tr>
<tr><td colspan="4">TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:<br>(LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED)</td></tr>
<tr><td rowspan="2">HOURS OF STUDY FOR EACH HOUR OF:</td><td>LESSON: 1</td><td>ADI: 0</td><td>LABORATORY: 0</td></tr>
<tr><td colspan="3">OTHER (SPECIFY):</td></tr>
<tr><td colspan="4">TRAINING OBJECTIVES (MAX 200 CHARACTERS): TO ACQUIRE KNOWLEDGE AND OPERATIONAL SKILLS IN THE ACTIVITIES OF THE LABORATORIES OF ENVIRONMENTAL HYGIENE AND WORK, MICROBIOLOGY, ENVIRONMENTAL AND INDUSTRIAL TOXICOLOGY. TO ACQUIRE INSPECTION CAPACITY IN THE SANITARY ENVIRONMENTS FOR THE EVALUATION OF CONGRUENCES/NON-CONGRUENCES WITH RESPECT TO REQUIREMENTS AND QUALITY OBJECTIVES.</td></tr>
<tr><td colspan="4">CONTENTS (MAX 100 CHARACTERS FOR CFU): THE QUALITY ANALYSIS OF THE PUBLIC AND MINERAL WATERS: MEASURES OF BIOLOGICAL AND CHEMICAL DRINKING. SAMPLING TECHNIQUES OF POLLUTANTS AIRBORNE IN OPERATING ROOMS, POWDERS AND ANESTHETIC GASES. MICROBIOLOGICAL SAMPLING. SAMPLES OF DUST, GASES AND VAPOURS IN THE WORKPLACE. TOX SCREEN. MEASURES PHONOMETRIC AND ILLUMINOMETRICHE.</td></tr>
<tr><td colspan="4">PREREQUISITIES: FITNESS 1 ° YEAR 1ST SEMESTER</td></tr>
<tr><td colspan="4">METHOD OF ASCERTAINING THE PROFIT: TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW.</td></tr>
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**TIROCINIO II**

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|---|---|---|---|
| **TEACHINGS:** 2ND YEAR TRAINING COURSE | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** MED/50 | | | **CFU: 24** |
| **Tipologia delle forme didattiche e criterio per il calcolo dell'impegno orario dello studente**: (lasciare la casella vuota se quella tipologia non è prevista) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): TO ACQUIRE KNOWLEDGE AND OPERATIONAL SKILLS IN THE SURVEY ACTIVITIES FOR THE EXERCISE OF SUPERVISION IN THE WORKPLACE. TO ACQUIRE THE METHODOLOGICAL AND OPERATIVE CAPACITIES IN THE ANALYTICAL APPROACH TO THE RISKS FROM MOVEMENT OF LOADS, ESPECIALLY IN SANITARY ENVIRONMENTS, AND FROM REPETITIVE MOVEMENTS.<br>ACQUIRE THE OPERATIONAL CAPABILITIES FOR THE EXERCISE OF THE CONTROL FUNCTION ON THE FOOD CHAIN. | | | |
| **CONTENTS** (MAX 100 CHARACTERS FOR CFU): GUIDE TO THE ELABORATION OF INSPECTION MODELS IN THE WORKPLACE AND TO THE APPLICATION OF THE CHECK-LISTS. DRAFTING OF SYNOPTIC BOARDS OF INSPECTION INTERVENTIONS. GUIDE TO THE APPLICATION OF RISK ASSESSMENT METHODS FOR CARGO HANDLING: NIOSH, MAPO, OCHRE INDEX. GUIDE TO THE IDENTIFICATION AND ENFORCEMENT OF CONTROLS ON THE FOOD CHAIN OF MEAT, FISH, MILK AND DAIRY PRODUCTS.<br>GUIDE TO THE DRAFTING OF INSPECTION MINUTES IN FOOD INDUSTRY AND SALES OUTLETS. | | | |
| **PREREQUISITIES:** EXAM INTERNSHIP I; | | | |
| **METHOD OF ASCERTAINING THE PROFIT**: TESTS IN ITINERE AND/OR FINAL TEST, INTERVIEW. | | | |

**TRAINING COURSE III**

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| **TEACHINGS:** 3RD YEAR TRAINING COURSE | | | |
| **SCIENTIFIC-DISCIPLINARY SECTORS:** MED/50 | | | **CFU: 20** |
| **TYPOLOGY OF DIDACTIC FORMS AND CRITERION FOR CALCULATING THE STUDENT'S HOURLY COMMITMENT:** (LEAVE THE BOX BLANK IF THAT TYPE IS NOT PROVIDED) | | | |
| HOURS OF STUDY FOR EACH HOUR OF: | **LESSON: 1** | **ADI:** 0 | **LABORATORY: 0** |
| | **OTHER (SPECIFY):** | | |
| **TRAINING OBJECTIVES** (MAX 200 CHARACTERS): TO ACQUIRE KNOWLEDGE AND OPERATIONAL SKILLS IN THE INSPECTION AND MONITORING ACTIVITIES ON WASTE WATER AND WASTEWATER CYCLES. TO ACQUIRE OPERATIONAL CAPACITY FOR SETTING UP AND PROCESSING OF RISK ASSESSMENT DOCUMENTS IN THE WORKPLACE AND FOR THE MANAGEMENT OF SECURITY PLANS. ACQUIRE THE ABILITY TO ANALYZE THE CAUSES OF OCCUPATIONAL DISEASES AND ACCIDENTS. | | | |
| **CONTENTS** (MAX 100 CHARACTERS FOR CFU): TRAINING FOR THE EXECUTION OF WASTE WATER WITHDRAWALS, INSPECTION CONTROL OF TREATMENT PLANTS. TRAIN TO THE EXECUTION OF INSPECTION INTERVENTIONS ON WASTE TREATMENT PLANTS. TRAIN THE DRAFTING OF RISK ASSESSMENT DOCUMENTS IN THE WORKPLACE, THE PREPARATION OF EVACUATION PLANS AND FIRE CONTROL. TRAIN TO CONDUCT ASSESSMENT SURVEYS OF CAUSES AND RESPONSIBILITIES OF OCCUPATIONAL DISEASES AND ACCIDENTS AT WORK. | | | |

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| **PREREQUISITIES:** EXAM TRAINING COURSE II |
| **PREREQUISITIES:** EXAM TRAINING COURSE II |

**Summary of disciplinary scopes**

Basic training activities 31 CFU (min 20):

- Preparatory Sciences → 14 CFU
- Biomedical Sciences → 14 CFU
- First Aid → 3 CFU

Activities Characterizing 124 CFU:

- Environmental and Workplace Prevention sciences → 41 CFU
- Medical-Surgica - Sciences → 2 CFU (min 2)
- Science of prevention and health services → 2 CFU (min 2)
- Clinical Interdisciplinary Sciences → 6 CFU (min 4)
- Human sciences, Psycho-pedagogical → 2 CFU (min 2)
- Health Management Sciences → 5 CFU (min 2)
- Interdisciplinary Sciences → 6 CFU (min 2)
- Training course differentiated by specific profile → 60 CFU (min 60)

Related or integrative training activities → 1 CFU

Other activities 24 CFU:

- At the student's choice → 6 CFU
- For the final Test → 5 CFU
- For English language knowledge → 4 CFU
- Other activities such as computer science, seminar activities, etc. → 6 CFU

- Professional laboratories of the specific SSD → 3 CFU

**TOTAL 180 CFU**