

**TEACHING REGULATIONS OF THE MASTER'S DEGREE COURSE IN
HEALTH PROFESSIONS OF REHABILITATION SCIENCES**
CLASS LM/SNT2 - Class of master's Degrees in Rehabilitation Sciences of the Health Professions

Art. 1 Object and purpose of the Regulation

1. This regulation regulates the organizational aspects of the master's Degree Course in Health Professions of Rehabilitation Sciences (ReHabS) in compliance with the indications set out in the University Teaching Regulations.
2. The master's Degree Course falls within the Class of master's Degrees in Rehabilitation Sciences of the Health Professions (LM/SNT2) as defined by the Ministerial Decree of University and Research of March 16, 2007, and subsequent amendments.
3. This regulation was approved in the following sessions:
 - a. Reference School: November 28, 2023
 - b. Department Council: November 30, 2023
 - c. Academic Senate: December 21, 2023
 - d. Joint Commission for teachers and students: February 19, 2024.

Art. 2 Professional profile and employment opportunities

Function in a work context

The main functions and the related skills of the professional profile in the LM/SNT2 class are represented by management in healthcare facilities (organization/supervision of the facilities and provision of services with a view to effectiveness), university teaching, permanent training, research in the specific area of expertise. The course prepares for the profession of Specialists in Rehabilitation Sciences of the Health Professions, for teaching and training activities in clinical, academic and research contexts and allows access to the role of Tutor/Coordinator of professional teaching of the Courses of the same class.

Skills associated with the function

The LM/SNT2 class professional must possess the following skills:

- knowledge and ability to use at least one European Union language besides Italian, also with reference to disciplinary lexicons;
- ability to identify environmental risk factors, evaluate their effects on health and prepare protective interventions in the workplace;
- ability to carry out systematic bibliographic research and literature reviews, including through databases and related periodic updates, in order to create scientific articles and disability registers;
- ability to collaborate on quantitative and qualitative research projects and verify the application of the results of research activities for the continuous improvement of activities in the rehabilitation field;
- ability to coordinate simple and complex organizations using tools and measures for planning, human resources management and accounting in business economics;
- ability to detect and critically evaluate the evolution of rehabilitation needs and plan the therapeutic intervention in the rehabilitation context of the class to which one belongs;
- ability to collaborate with the care "team" to implement the application and development of protocols and guidelines;
- participation in the management, management and planning processes of a three-year and master's Degree Course, first and second level master's Degree;

- participation in the planning and management of educational activities in the field of ongoing training aimed at rehabilitation professionals;
- ability to plan and implement, in collaboration with other professionals, educational and support interventions for the individual and the community for the self-management and control of risk factors and health problems.

Employment opportunities

The professional in *Health Professions of Rehabilitation Sciences* is placed within the National and Regional Health Systems, in private facilities accredited and affiliated with the National Health System (clinics, rehabilitation facilities and centers, healthcare facilities, spas and wellness centers, medical clinics and/or multi-specialist clinics), IRCCS, university and extra-university research centers where are requested management skills in the managerial, applied research and training areas. Access to work positions in public structures (National Health System, University etc.) is subject to passing a competitive test. The master's Degree is a legislative and contractual requirement for National Health System roles (L. 43/2006), for management and teaching positions, and to fill the role of Director of professional teaching of the three-year and/or master's Degree Courses in the specific area.

Postgraduate training

The master's Degree allows access to PhD Courses, subject to competitive examination, at university institutions.

The course will be the first in Italy in English and since the title of master's graduate is recognized throughout Europe (EU Directive 2005/36), currently subject to an equivalence procedure, master's graduates will be able to access the professional roles reserved for European master's graduates as Director of Rehabilitation (DOR), Executive Leader, Research Scientist, Usability Specialist.

The Course prepares you for the profession of (ISTAT coding):

1. Researchers and technicians graduated in medical sciences - (2.6.2.2.3)

Art. 3 Specific training objectives and expected skills

3.1 Specific training objectives of the Course

The master's graduate in Health Professions of Rehabilitation Sciences is a professional figure with a broad spectrum of multidisciplinary and integrated skills, capable of fitting perfectly into the world of work and professions with a high degree of specialization in the healthcare sector. The training areas identified will allow the master's graduate to profitably enter the sector of primary prevention of disabilities, in the sector of neuroscience and psycho-neuromotoricity, in the sectors of public and private healthcare management, research, teaching and community medicine. The functions performed in each of these areas include:

1. planning of primary, secondary and tertiary prevention interventions;
2. planning of psycho-neuromotor rehabilitation interventions with the use of advanced technologies;
3. planning and coordination of public and private healthcare management activities and in community hospitals;
4. planning of teaching-training and research activities.

Graduates will possess the knowledge necessary to carry out the professional activities in public, private and accredited hospital, and non-hospital facilities (community hospitals and rehabilitation

departments), in specialist clinics, in nursing homes or rest for the elderly, in public hygiene services, fitness and mental health centers, in maternal and child departments, in occupational medicine. Furthermore, the solid technical-scientific preparation will allow the master's graduates to update their knowledge and make their contribution to teaching-training and research activities in the public and private sectors. The specific training objectives are solidly anchored to those of the LM/SNT2 class:

- know and be able to use at least one European Union language besides Italian, also with reference to disciplinary lexicons;
- identify environmental risk factors, evaluate their effects on health and prepare protective measures in the workplace;
- carry out a systematic bibliographic search and literature reviews, also through databases and related periodic updates, to create scientific articles and disability registers;
- collaborate with quantitative and qualitative research projects and verify the application of the results of research activities for the continuous improvement of activities in the rehabilitation field;
- coordinate simple and complex organizations using tools and measures for planning, human resources management and accounting in business economics;
- detect and critically evaluate the evolution of rehabilitation needs and plan the therapeutic intervention in the rehabilitation context of the class to which they belong;
- collaborate with the care "team" to implement the application and development of protocols and guidelines;
- participate and observe management, conduction and planning processes of a bachelor's and master's Degree Course, 1st and 2nd level Masters;
- participate in the planning and management of educational activities in the field of ongoing training aimed at rehabilitation professionals;
- plan and implement, in collaboration with other professionals, educational and support interventions for the individual and the community for the self-management and control of risk factors and health problems.

The high interdisciplinarity will be guaranteed by the variety of topics covered both in the Laboratories and in the Elective Activities to ensure the attractiveness of the Course for the different professionalisms relating to the SNT2 class but, above all, the acquisition of specific skills and the achievement of specific training objectives.

From an organizational point of view, most of the lessons will be carried out *ex cathedra*, with frequent references to practical case studies, while in the implementation of the laboratories and elective activities it will also be possible to experiment with innovative forms of teaching in small groups contributing together to the construction of knowledge ("role-playing", "Problem-Based Learning" etc.).

The teaching activity carried out in the classroom will be accompanied by guided training and internships at specialist public health services in Italy or abroad, linked by specific agreements. The laboratory and internship activities will be carried out under the supervision and guidance of professional tutors, specifically designated, and assigned to each student, coordinated by a teacher belonging to the highest educational level required for the profiles of the specific class. Finally, the courses will be complemented by extracurricular conferences and seminar activities carried out by rehabilitation professionals external to the teaching staff, both at the level of public bodies (hospitals, healthcare companies) and private bodies (affiliated rehabilitation facilities and centers), who will be able to address specific topics of interest to the different professionals enrolled in the master's Degree Course.

At the end of the course of study, the master's graduate will have acquired interdisciplinary and specific knowledge relating to rehabilitation and attributable to his/her area of relevance. They will also have acquired some more general skills and competences linked both to the English language, common for all training areas, and above all to the teaching offer and methodology which include a)

multiple professional workshops, even for groups of students; b) extracurricular conferences and seminars organized by companies and associations in the field of rehabilitation as well as by teachers external to the University and/or coming from foreign structures or local, national and/or international production entities; c) ongoing and/or partial tests to facilitate students and allow teachers to check the students' preparation status in real time.

The Course will develop the following general skills in students:

- ability to identify, formulate and solve problems of medium complexity linked to the specific training chosen;
- ability to find, consult and interpret scientific data published in the main technical journals and national and international regulations;
- ability to keep up to date on methods, techniques and tools in the field of the chosen training field;
- critical sense, autonomy of judgment and independence of action;
- ability to interact with healthcare personnel and multidisciplinary teams to evaluate their technical, instrumental and organizational needs and to envisage the use of techniques, processes and materials most suitable for their professional activity;
- ability to carry out educational-training activities and collaborate in research, development and experimentation activities in the public and private sector in the relevant professional field, including also the ability to undertake higher level studies (such as PhD).

Written and oral communication skills will be developed and evaluated during the exams and moreover during the internship and in the training activities preparatory to the final test.

In particular, the first year is aimed at providing the conceptual and methodological models and principles of 2 areas of expertise for the master's graduate:

1. Management area: community medicine.
2. Professional area: prevention and diagnosis of congenital and acquired disabilities.

An internship and seminar experience in accredited services of the student's choice is planned, aimed at building a relevant improvement process in rehabilitation practice within the specific professional profile.

The second year is aimed at learning and applying the methodologies and knowledge of the master's graduate with specific reference to future working contexts:

1. Research area: analysis of qualitative and quantitative research studies and training in deducing the implications for rehabilitation practice, statistics and epidemiology applied to the healthcare, clinical and social context of disability and the specific tasks of the class to which one belongs. Research methodology for evidence-based healthcare practice.
2. Professional area: in-depth analysis of the most relevant clinical and technological advances in the field of therapy of congenital and acquired disabilities, neuroscience and rehabilitation.
3. Management area: in-depth study of the management and management strategies of rehabilitation services, human resources management, planning of organizational integration tools and evaluation of the quality of performance.
4. Education area: in-depth study on the design and management of basic and advanced education systems, teaching methods, management of training groups to activate specific education events for rehabilitation professions. An internship experience in accredited services of the student's choice is foreseen (Health Professions Directorates, Training Services, Research Centers, Quality Offices).

3.2 Knowledge and understanding, Ability to apply knowledge and understanding: detail

Professional Area

Knowledge and understanding

The master's graduate in Health Professions of Rehabilitation Sciences possesses skills and knowledge that extend and/or strengthen the contents, the theoretical interpretative models, the

organizational models linked to all the professional profiles included in the rehabilitation area. In detail, the master's graduate:

- knows the professional profiles included in the rehabilitation class;
- knows at least one European Union language besides Italian, also with reference to disciplinary lexicons;
- knows and understands the causes and environmental and genetic factors predisposing to congenital disabilities;
- knows and understands the principles, methods and conventional and complementary therapeutic strategies (acupuncture, osteopathy, hippotherapy etc.) to be used for the rehabilitation and prevention of congenital and acquired disabilities;
- knows the diagnostic maneuvers and therapeutic procedures regarding sensory disabilities;
- knows the diagnostic maneuvers and therapeutic procedures of virtual medicine, robotics and tele-rehabilitation regarding psycho-neuromotoricity;
- understands and critically evaluates clinical-rehabilitative interventions in different age groups and in the wide range of different pathologies;
- includes structured patient and disability/impairment assessment systems in rehabilitation practice;
- knows the ethical, legal and deontological implications that may arise in rehabilitation practice.

Through attendance of *ex cathedra* lessons, laboratories, elective activities, extracurricular activities and independent study, the student acquires the knowledge and understanding skills listed. Through this process, students will be provided with the tools to be able to move from theoretical knowledge to putting it into practice in full autonomy.

Ability to apply knowledge and understanding

The master's graduate in Health Professions of Rehabilitation Sciences will be able to:

- use at least one European Union language besides Italian, also with reference to disciplinary lexicons;
- identify predisposing genetic factors and environmental risk factors, evaluate their effects on health and prepare primary, secondary and tertiary protection and prevention interventions in the workplace;
- examine patients by selecting innovative strategies and proposals for rehabilitation intervention and administering valid and reliable tests and rating scales relating to age and disability/impairment;
- plan and implement, in collaboration with other professionals, educational and support interventions for the individual and the community for the self-management and control of risk factors and health problems;
- apply the methodology of an evidence-based practice to evaluate the effectiveness of rehabilitation treatments;
- apply structured patient and disability/impairment assessment systems in rehabilitation practice;
- summarize the functional diagnosis data and analyze them to issue clinical rehabilitation judgments regarding patient management;
- use indicators of effectiveness and efficiency considering any ethical, legal and deontological implications that may arise in rehabilitation practice;
- detect and critically evaluate the evolution of rehabilitation needs and plan the therapeutic intervention in the rehabilitation context of the class to which they belong;
- collaborate with the care "team" to implement the application and development of protocols and guidelines;
- take responsibility for the quality of your professional practice.

Management Area

Knowledge and understanding

The master's graduate possesses skills and knowledge that extend and/or strengthen the contents, theoretical interpretative models, organizational models, and governance styles. In detail:

- knows and understands the principles and methods of general and applied hygiene, the risk factors for accidents and occupational diseases (chemical, physical, biological and psychosocial agents) and the principles and methods of primary healthcare;
- knows and understands the organization of health systems, including European ones, the methods of health planning and financing as well as the organization of rehabilitation services;
- knows and can interpret the principles of health, administrative and labor law to understand their application in the management of health services, work processes and professional relationships;
- knows the health, socio-health and professional contexts of national and in particular European health models;
- knows the institutional and organizational change processes of the National Health System, Regional Health Plans and Local Implementation Plans;
- knows and understands complex phenomena and problems in the healthcare field, especially rehabilitation, placing them in the broader demographic-epidemiological and political-institutional scenario, both at a national and international level;
- knows the main rehabilitation theories and organizational models of rehabilitation;
- knows the aspects related to professional responsibility, ethics and deontology linked to one's professional profile;
- knows and understands the structured assessment systems of the patient and the disability/impairment;
- knows the profile of the master's graduate in the Italian and international regulatory and organizational context.

Through attendance of *ex cathedra* lessons, classroom exercises, seminars and independent study, the student acquires the knowledge and understanding skills listed. Through this process, students will be provided with the tools to be able to move from theoretical knowledge to putting it into practice in full autonomy.

Ability to apply knowledge and understanding

The master's graduate in Health Professions of Rehabilitation Sciences can apply the knowledge acquired to manage different aspects of organizations and the resources that characterize them. In particular, master's Degree graduates:

- design and implement, in collaboration with other professionals, educational and support interventions for the individual and the community for the self-management and control of risk factors and health problems;
- coordinate simple and complex organizations using tools and measures for planning, human resources management and accounting in business economics;
- apply knowledge to analyze the work processes of healthcare organizations, personnel management strategies, evaluation and professional accreditation systems in order to promote the integration of rehabilitation "teams" in services to achieve safe, effective performances, efficient, relevant, sensitive to the user's culture, documented appropriately and provided by competent personnel;
- apply knowledge of interpersonal relationships in the work environment to harmonize the contribution of the different professionals involved in the field of rehabilitation;
- know how to manage professional development plans, which include continuous evaluations, definitions and identification of objectives and the implementation for their achievement, also to increase professional potential;
- know how to use technology associated with information and communications as a valid support for rehabilitative, therapeutic and preventive interventions and for the surveillance and monitoring of the state of health;

- know how to prepare a CV, face a selection interview, manage employment contracts.

Research Area

Knowledge and understanding

The master's graduate possesses knowledge and skills that extend and strengthen the contents, theoretical interpretative models and operational research methods of the rehabilitation sciences acquired in the first cycle. In particular, master's graduates:

- know and can interpret data from epidemiological and experimental statistics to analyze complex phenomena and problems in the healthcare field and of interest to the specific professional profile of rehabilitation;
- know the main databases, search engines and bibliographic research methods and for the drafting of protocols, guidelines, scientific articles and literature reviews;
- know the training needs of rehabilitation professions.

Students will be provided with the interpretative keys necessary to move from the theoretical to the application phase, in full operational autonomy. The knowledge and understanding skills listed will be learned through attendance of *ex cathedra* lessons, specifically designed laboratories, exercises, seminars, guided and autonomous personal study.

Ability to apply knowledge and understanding

Master's graduates can apply the knowledge acquired to manage biomedical information and research. In particular, they are able to:

- carry out a systematic bibliographic search and literature reviews, also through databases and related periodic updates, in order to create scientific articles and disability registers;
- collaborate with quantitative and qualitative research projects and verify the application of the results of research activities for the continuous improvement of activities in the rehabilitation field;
- apply theoretical, operational and research models to the specific rehabilitation field;
- apply evidence-based practice methodology to evaluate the effectiveness of rehabilitation treatments;
- critically evaluate published studies relating to clinical rehabilitation intervention, management of organizational processes and human resources, training and research and demonstrate the ability to apply it to professional choices;
- draw up an experimental protocol or guidelines.

Education Area

Knowledge and understanding

The master's graduate in Health Professions of Rehabilitation Sciences possesses knowledge and skills that extend and strengthen the contents, theoretical models, and operational methods of education specific to the rehabilitation sciences acquired in the first cycle. Furthermore, he/she develops teaching skills for the specific professional figure in the context of tutorial activities and internship coordination in basic, complementary, and permanent education. In particular:

- knows the training methodology;
- understands teaching and tutorial methodologies to implement different teaching strategies, motivated by educational theories and evidence-based practices;
- knows the tools for evaluating an educational event;

- includes the welfare, organizational, educational processes connected to the evolution of the population's health problems, the functioning of the health and social systems and specific professionalization paths;
- knows and understands the tools to analyze the educational needs of rehabilitation professions, formulate learning objectives, select appropriate learning activities, plan and implement training courses relevant to the professional field;
- analyzes the emotional phenomena that characterize social relationships in organizations and professional contexts.

Students will be provided with the interpretative keys necessary to move from the theoretical to the application phase, in full operational autonomy. The knowledge and understanding skills listed above will be learned through attendance of *ex cathedra* lessons, laboratory exercises, "Problem-Based Learning" (PBL), elective activities, seminars, guided and autonomous personal study.

Ability to apply knowledge and understanding

The master's graduates in Health Professions of Rehabilitation Sciences can apply the knowledge acquired to plan and manage training and educational processes. In particular, they are able to:

- participate in the planning and management of educational activities in the field of ongoing training aimed at rehabilitation professionals;
- apply pedagogical knowledge and theories of learning from experience to carry out teaching, tutoring and educational planning activities;
- promote the development of the profession through knowledge of the theories and models of the health professions, in particular those of rehabilitation and professional organization;
- carry out the assessment of staff skills to increase their potential by also using strategies to encourage multi-professional and organizational integration processes;
- manage the inclusion of newly assigned staff;
- use multimedia tools for advanced education;
- analyze the educational and operational contexts in which active teaching methods are applied;
- experience "PBL" (Problem-Based Learning) in University education and continuing education in healthcare;
- experience "clinical briefing", "debriefing" and "role-playing" sessions;
- conduct educational meetings and/or classroom lessons;
- build social and professional networks for the management of educational plans;
- create University training curricula for the health professions built for the development of the student's active learning and supporting teaching methods, particularly in the rehabilitation field;
- manage your own learning by evaluating a development strategy for your professionalism, using tools to define a personal development plan, acquiring tools that allow you to develop your study independently with a "Life-Long Learning" perspective.

Autonomy of judgement

Master's graduates in Health Professions of Rehabilitation Sciences will be able to:

- predict and evaluate the effects deriving from one's decisions and activities, assuming the consequent responsibility;
- demonstrate the ability to make decisions, express functional and rehabilitative judgments through reflective practice;
- participate in researchers' activities to understand or contribute to insights in the field of rehabilitation;
- formulate autonomous reflections through multidisciplinary comparison of scientific, legal, ethical, and deontological nature.

The teaching tools aimed at acquiring the skills include *ex cathedra* lessons, discussion of cases in small groups with presentations in plenary sessions, seminars, guided and individual study. These skills will be assessed through written and/or oral certification exams, practical tests, and reports.

Communication skills

Master's graduates in Health Professions of Rehabilitation Sciences will be able to:

- apply language analysis skills and appropriate information communication styles with clients of all ages and their families within the rehabilitation process and/or with other healthcare professionals;
- communicate effectively with verbal, non-verbal and written methods the evaluations and decisions in the interdisciplinary rehabilitation "teams" in awareness of the specificities of the different professional roles and their integration within the rehabilitation field;
- demonstrate that you have the ability to communicate effectively both orally and in written form;
- demonstrate that you have the basic skills and correct attitudes by implementing training, teaching and teaching activities aimed at the assisted population, healthcare professionals and students of various levels;
- implement educational interventions for individual users, families and groups with the aim of promoting health behaviors and motivating them to join the rehabilitation project;
- understand and respect individual and cultural differences in all moments of professional interaction;
- act as a mentor to train and develop skills in aspiring "leaders" in the clinical and organizational fields;
- adopt supportive managerial styles to support collaborators in running projects, teaching, and supervising, negotiating, and resolving conflicts.

The knowledge and understanding skills listed above will be achieved through attendance of *ex cathedra* lessons, exercises, seminars, guided and independent personal study. Written and oral communication skills will be particularly developed during laboratory activities and presentations carried out individually both in groups and in classroom activities: i) discussion of cases and paradigmatic relational situations in subgroups with presentations in plenary sessions; ii) internship with experiences supervised by expert tutors in different contexts with "debriefing" sessions to reflect and re-elaborate relational experiences with users and with the team in simple and complex healthcare facilities. The verification of these skills takes place in the form of seminars through oral presentations in small groups at the end of a professional training period during which the master's graduates will prepare a written dissertation containing the objectives described above.

Learning ability

Master's graduates in Health Professions of Rehabilitation Sciences will be able to:

- evaluate one's performance on the basis of standards of professional practice and organizational criteria, continuously identifying one's educational needs in relation to the nature and complexity of the problems to be addressed and the design and operational strategies to be managed, in order to realize one's plan of professional improvement;
- independently adopt effective strategies to continue learning, formally and informally, throughout their professional life, including through further training courses;
- attend further higher education courses oriented towards the profession, research, healthcare management and educational methodology;
- use comprehensive computer systems, "software" and "databases" to collect, organize and catalog information, identify a problem, carry out a literature review on the topic, critically analyze the problem and current knowledge, develop a strategy to apply the research into practice and facilitate the dissemination of research findings.

The learning skills will be acquired in the two-year course from *ex cathedra* lessons, internships, seminars with in-depth projects and elaboration of the individual study foreseen in the research methodology and rehabilitation evidence activities and in the activity carried out in preparation of the thesis. The verification of these capabilities occurs through the formulation of the problem of research, the collection of data based on the analyzed context, the evaluation of the evidence collected, the integration between the collection and the problem/question formulated and the evaluation of the entire process by interrogating the databases and critically analyzing the international scientific publications.

Art. 4 Knowledge required for access and admission methods

Knowledge required for access

Candidates who hold a qualifying degree in the health professions included in the SNT2 class (podiatrist, physiotherapist, speech therapist, orthoptist - ophthalmology assistant, neuro and psychomotor therapist of the developmental age, psychiatric and psychosocial education and rehabilitation technician, occupational therapist, professional educator) or the corresponding professional or equivalent educational qualification or other qualification obtained abroad, recognized as suitable according to current regulations.

Those who will obtain their degree no later than November 30 are admitted conditionally.

Candidates with disabilities and D.S.A. are admitted to the admission test as described in the call.

The following people may also be admitted to master's Degree Courses, regardless of the completion of the admission test, and in derogation of the national scheduling of places, in consideration of the fact that the interested parties already carry out operational functions:

- a. those to whom the coordination task has been conferred pursuant to and for the purposes of the art. 7 of L. August 10, 2000, No. 251, paragraphs 1 and 2, for at least two years as of the date of the Ministerial Decree No. 213 of June 12, 2020;
- b. those who have been holders, with a formal deed and for at least two years from the date of the aforementioned Ministerial Decree No. 213 of June 12, 2020, of the role of Director or Coordinator of one of the Degree Courses included in the master's Degree of interest.

Since this is a master's Degree Course in English, another qualification necessary for access is knowledge of the English language at level B2. Knowledge of the English language (level B2) will be verified with the entrance test and will be further improved during the Course using scientific English (reading and analysis of scientific texts and articles, use of technical jargon, etc.).

For foreign students, adequate knowledge of the Italian language (level no lower than B2 of the CEFR) is also required for access, which will be verified by a special Commission through an oral interview. In the presence of certificates, diplomas or other documents attesting knowledge of the Italian language, the relevant Commission will decide whether to exempt the individual candidate from the linguistic test.

The prerequisites required of the student who wishes to enroll in the Course include, in addition to the knowledge of the English language (and Italian language for foreign students), good aptitude for human contact, good aptitude for teamwork, ability to analyze and solve problems. All the knowledge required to access the Course (both basic and specific skills) will be clearly described and advertised on the website of the Course (<https://www.unich.it/hprs>) and on the dedicated page inside the website of the Department of Medicine and Aging Sciences (DMSI) (reference Department).

Admission procedure

Access to the Degree Course is limited in number according to L. 264/99 and involves an entrance exam in English prepared according to ministerial indications, aimed at verifying the personal

preparation and skills acquired by the student in the fundamental sectors of rehabilitation (physiotherapy, speech therapy, orthoptics and ophthalmological assistance, occupational therapy, etc.).

The date, the methods of carrying out the admission test and the number of those eligible to enroll are defined annually by the Ministry of University and Research (MUR) and published in a specific admission notice issued by the University. To take the test, it is necessary to follow the relevant registration procedure and respect the deadlines expressed in the call for admission to the master's Degree Courses in the Health Professions. All candidates are required to apply online according to the University procedure.

The test includes multiple choice questions that present five possible answer options, of which the candidate must identify only one, discarding erroneous, arbitrary, or less probable conclusions, on topics of:

- theory/practice relevant to the health professions included in the master's Degree class of interest;
- general knowledge and logical reasoning;
- regulation of the exercise of healthcare professions included in the master's Degree class of interest and healthcare legislation;
- scientific-mathematical, statistical, computer science and English culture;
- human and social sciences.

The final admission score is given by the sum of the score obtained in the written test and the evaluation of the educational, academic, and professional qualifications held by the candidate. To make evaluated the academic and professional qualifications by the examination Commission, the candidate must declare them in the registration procedure by providing all the data necessary to allow verification of their veracity.

Candidates who occupy positions immediately following in the ranking will be possibly able to access places that remain available at the end of the enrollment deadline.

Art. 5 Programmed educational plan

Below is the general overview of the educational activities with the identification of the number and types of the scientific-disciplinary sectors of reference and the credits awarded grouped by year of the course.

| Description | ECTS | Type | TAF | SSD | Semester |
|---|-------------|-------------------|------------------|------------|-----------------|
| <i>1 YEAR</i> | | | | | |
| <i>Further language knowledge</i> | 2 | Monodisciplinary | F-other | NN | I |
| <i>Community medicine</i> | 9 | Integrated Course | | | I |
| General and applied hygiene | 2 | Module | B-characterizing | MED/42 | I |
| Occupational medicine | 2 | Module | B-characterizing | MED/44 | I |
| House assistance | 2 | Module | B-characterizing | MED/48 | I |
| Business economics | 3 | Module | B-characterizing | SECS-P/07 | I |
| <i>Prevention and diagnosis of congenital disabilities I</i> | 7 | Integrated Course | | | I |
| Teratogenic agents and birth defects | 3 | Module | C-related | BIO/17 | I |

| Description | ECTS | Type | TAF | SSD | Semester |
|--|-------------|-------------------|------------------|------------|-----------------|
| Medical genetics | 2 | Module | B-characterizing | MED/03 | I |
| Diseases of the musculoskeletal system | 2 | Module | B-characterizing | MED/33 | I |
| <i>Prevention and diagnosis of congenital disabilities II</i> | 8 | Integrated Course | | | I |
| Fetal Medicine | 2 | Module | B-characterizing | MED/40 | I |
| General and specialist paediatrics | 2 | Module | B-characterizing | MED/38 | I |
| Neurodevelopmental disorders | 2 | Module | B-characterizing | MED/26 | I |
| Child neuropsychiatry | 2 | Module | B-characterizing | MED/39 | I |
| <i>Elective activities</i> | 3 | Integrated Course | D-elective | NN | I |
| <i>Treatment of congenital and acquired disabilities I</i> | 7 | Integrated Course | | | II |
| Pharmacology | 2 | Module | B-characterizing | BIO/14 | II |
| Complementary medicine | 2 | Module | B-characterizing | MED/34 | II |
| Physiotherapy in speech disorders | 2 | Module | B-characterizing | MED/48 | II |
| Language and interpersonal communication | 1 | Module | B-characterizing | L-LIN/01 | II |
| <i>Treatment of congenital and acquired disabilities II</i> | 8 | Integrated Course | | | II |
| Psychobiology and physiological psychology | 2 | Module | B-characterizing | M-PSI/02 | II |
| Methods and teaching of motor activities | 2 | Module | B-characterizing | M-EDF-01 | II |
| Medical and applied technical sciences | 1 | Module | B-characterizing | MED/50 | II |
| Anthropology and anthropometry | 3 | Module | B-characterizing | M-DEA/01 | II |
| <i>Training</i> | 15 | Integrated Course | F-other | MED/48 | II |
| <i>II YEAR</i> | | | | | |
| <i>Methodology of teaching and research in rehabilitation</i> | 8 | Integrated Course | | | I |

| Description | ECTS | Type | TAF | SSD | Semester |
|---|-------------|-------------------|------------------|------------|-----------------|
| Medical statistics | 2 | Module | B-characterizing | MED/01 | I |
| Statistics for experimental and technological research | 2 | Module | B-characterizing | SECS-S/02 | I |
| Research methodology | 2 | Module | B-characterizing | MED/48 | I |
| Teaching methodology | 2 | Module | B-characterizing | MED/48 | I |
| <i>Planning, organization, and control of healthcare companies</i> | 8 | Integrated Course | | | I |
| Business organization | 3 | Module | B-characterizing | SECS-P/10 | I |
| Sociology of economic processes and work | 3 | Module | B-characterizing | SPS/09 | I |
| Team building and problem solving strategies | 2 | Module | C-related | M-PSI/05 | I |
| <i>Laboratories</i> | 5 | Integrated Course | F-other | NN | I |
| <i>Training</i> | 9 | Integrated Course | F-other | MED/48 | I |
| <i>Diagnostic-therapeutic pathways of sensoriality</i> | 8 | Integrated Course | | | II |
| Otolaryngology | 2 | Module | B-characterizing | MED/31 | II |
| Diseases of the visual system | 2 | Module | B-characterizing | MED/30 | II |
| Teaching and special pedagogy | 4 | Module | B-characterizing | M-PED/03 | II |
| <i>Diagnostic-therapeutic pathways of psycho-neuromotricity</i> | 7 | Integrated Course | | | II |
| Evaluation of the complexity of rehabilitation care | 2 | Module | B-characterizing | MED/43 | II |
| Robotics, telemedicine and telerehabilitation | 2 | Module | B-characterizing | MED/34 | II |
| Electronic and computer bioengineering | 3 | Module | B-characterizing | ING-INF/06 | II |
| <i>Elective activities</i> | 3 | Integrated Course | D-elective | NN | II |
| <i>Training</i> | 6 | Integrated Course | F-other | MED/48 | II |
| <i>Final test</i> | 7 | Monodisciplinary | E | PROFIN_S | II |

Art. 6 Description of the educational path and assessment methods

Description of the educational path

The course offers a single curriculum. The normal duration of the course is 2 years. The student can obtain the qualification after obtaining 120 ECTS by fulfilling the provisions of current legislation. Each ECT corresponds to 25 hours of student work of which 10 hours of formal or frontal activities and 25 hours of independent work. Each internship ECT corresponds to 25 hours of practical activities for a total of 375 hours/year of attendance.

Students who, for work, family, health, or other valid reasons, believe they are not able to continuously attend the teaching activities provided for by the Course of Study, can request, as an alternative to "full-time" enrolment, "part-time" enrollment which extends the duration of the Course by dividing each year of the Course into two consecutive academic years.

Attendance is compulsory, both for formal and theoretical-practical activities and internships, for the number of hours indicated annually by the Course Council, for each Integrated Course and for each discipline. For each Integrated Course, the procedures for assessing attendance are communicated to students at the beginning of each Course. The certificate of attendance is issued at the end of the Course by the Coordinator of the Integrated Course following a collegial evaluation based on the documentation presented by all the teachers of the Integrated Course. The certificate of attendance is issued to those for whom there is documented absence of no more than 30% of the hours scheduled for each Integrated Course module. The student who has not obtained the certificate of attendance at one or more Integrated Courses, if the number of hours attended is not less than 50% of each module, is required to integrate attendance with the methods and times indicated by the Course Coordinator Integrated.

For the internship and laboratories, 100% attendance of the planned activities is required.

The internship is mandatory and involves the student carrying out practical activities with large degrees of autonomy and simulation tests of the activity carried out at a professional level. During the 2 year-Degree Course the student is required to experiment with the application of rehabilitation protocols, organizational/managerial methodologies, training, and research in their specific field.

Description of the assessment methods

Each Integrated Course, to which one or more courses and modules contribute, gives rise to a single exam, always individual, the grade of which is expressed in thirtieths (with possible honors). The examination Commissions are made up of at least two teachers belonging to the Integrated Course. The student who has obtained the certificate of attendance at the lessons of all the disciplines and/or modules that compose it is admitted to the final exam of the Integrated Course.

Ongoing progress tests are valid for the purposes of the final exam if they are taken in the same academic year. The calendar of the ongoing tests, the topics being tested and the ways in which the outcome of the test will contribute to the exam grade are made known at the beginning of the lessons of the Integrated Course.

The types of verification tests, from which the evaluations arise, are written, oral and practical, of a structured nature (multiple choice achievement tests, true/false answers, correspondence, completion, rearrangement, with error correction contained in a text), semi-structured and unstructured. The verification methods will be published on the syllabi of the individual courses.

The exams are taken at the end of the course and allow, if passed, to acquire the number of credits foreseen in the study plan in a single solution.

Art. 7 Transfer methods from other study courses and criteria and procedures for credit recognition

Students coming from other courses of study and/or other locations (switch/transfer) and students with a three-year or specialist Degree are required to enroll in the first year of the master's Degree

Course in Health Professions of Rehabilitation Sciences, subject to satisfaction of the required requirements and verification of the adequacy of personal preparation (art. 4) by a specific Commission.

Credits acquired at university master's Courses in English or other equivalent Courses also in English can be recognized after verifying the correspondence of the scientific-disciplinary sectors and related contents.

Art. 8 Enrollment in subsequent years

Enrollment in the second year is permitted to students who have obtained attendance certificates for all Integrated Courses.

Each student cannot take the exams scheduled for the second year of the course if he/she has not previously taken all the exams scheduled for the first year.

Art. 9 Final exam

Characteristics of the Final Exam

Pursuant to art. 5 of the Interministerial Decree of January 8, 2009, the final exam consists in the drafting a thesis in English concerning the in-depth analysis of managerial, educational, professional, and applied research topics. As required by the Ministerial Decree 270/2004 the Degree exam focuses on the dissertation in English of the thesis elaborated in an original way by the student under the guidance of a supervisor and a possible co-supervisor.

To be admitted taking the final test, the student must have regularly attended, for the total amount of hours required, the individual Integrated Courses, laboratories, and elective activities, have passed all the required exams, have carried out, with a positive evaluation, all planned training internships, through certification. The thesis credits are acquired with the final exam.

Procedure for taking the Final Exam

1. The procedures for taking the final exam are governed by art. 21 of the University Teaching Regulations. The exam consists in the preparation, under the guidance of a supervisor, of a thesis of an experimental or theoretical application nature concerning the in-depth analysis of managerial, educational, professional, and applied research topics and its dissertation. The presentation and discussion of the essay take place in English in front of a specific Commission.
2. The graduation Commission is made up of between 7 and 11 members. The Commission is appointed by Rectoral Decree.
3. The evaluation of the Degree thesis represents an overall assessment of the ability to apply what has been learned in the various courses. The final test requires the integration of acquired knowledge and the ability to make new developments.
4. The final exam score is expressed in one hundred tenths (110) and derives from the sum of the basic score, obtained from the arithmetic mean of the exams reported in one hundred tenths, the score attributed to the Degree thesis and the score attributed to the entire Degree Course. In particular, the evaluation of the Degree thesis and the course of study contribute to a score from 0 to 8 points divided as follows:
 - quality of the dissertation from 0 to 3 points
 - content and methodology used 0 to 3 points
 - participation in mobility courses 1 point
 - graduate on time 1 point.

Honors are awarded by unanimous decision of the Commission members to candidates who have achieved an overall score of 113 and have had a Course of study characterized by the presence of one or more honors.

Art. 10 Organizational structure and functioning of the Degree Course

The bodies of the Degree Course are the Degree Course Council, the President, the Vice President, the Director of professional teaching.

The *Degree Course Council* is made up of all the teachers who carry out teaching activities in the courses in any capacity, the tutors, and a student representation in accordance with the University Teaching Regulations.

The Council organizes and plans the teaching activities relating to the course, including tutoring; presents the proposals for the annual plan of teaching activities to the Dean of the School of reference; coordinates teaching and study activities for the achievement of qualifications; formulates proposals and opinions to the Dean of the relevant School regarding the University Teaching Regulations and the Course Teaching Regulations.

The *President* is elected by the members of the Study Course Council from among the tenured professors who are part of the Council itself. He/she is appointed by Rector's Decree, holds office for three years and can be re-elected; convenes and chairs the Council; supervises the activities of the Course; appoints the Vice President, the Director of professional teaching, and the Tutors (after consulting the Director of professional teaching and a member of the Steering Committee) who will support him/her during his mandate.

The *Vice President* takes the place of the President in case of impediment or absence, is appointed by the President, and remains in office for 3 years.

The *Director of professional teaching* is responsible for planning, organizing, and coordinating the internship; is responsible for the integration of the internship with the teachings and professional training activities in line with the teaching program defined by the Degree Program Board; responds to the President and the Degree Program Council; identifies clinical tutors and supervisors in the internship locations, among the service operators, who collaborate in conducting the internship. He/she is a teacher belonging to the specific professional profile, with a specialist or master's Degree of the respective class, appointed by the President based on the evaluation of a specific curriculum which expresses the linguistic skills and the required professional experience, not less than five years, in the field of education. He/she holds office for 3 years and cannot coordinate the internship activities of other Degree Courses.

The Course establishes the following Commissions: Curriculum, Quality Assurance Group, Orientation, International Relations.

The *Curriculum Commission* is responsible for evaluating the study course of students who have already attended and taken the courses included in the study plan elsewhere or who request transfer from other master's Degree Courses.

The *Quality Assurance Group* assists the President in drafting the annual monitoring sheet and draws up the review report, analyzing the current situation of the Course, underlining the strengths and opportunities for improvement, and proposing the corresponding objectives, indicators, and goals/objective values.

The *Orientation Commission* provides incoming, ongoing, and outgoing orientation for master's students, organizes open days and career days and other initiatives aimed at raising awareness of the Course and supporting students in their study Course.

The *International Relations Commission* is chaired by the Erasmus Representative of the Course, draws up the learning agreements for student mobility and promotes the internationalization of the Course by proposing new agreements with international institutions.

The Steering Committee is present. The *Steering Committee* is made up of representatives of the Interested Parties. It pursues the following purposes: strengthening relationships between the Study

Program and the Interested Parties; coordination between the Course and the cultural and socio-economic system of the territory; improvement of communication of the training offer externally; management of information returned from graduates and employers; collection of lists of companies where internships can be carried out; monitoring of post-university careers; proposals for defining and designing the training offer, proposals for defining learning objectives; partnership for research projects serving the territory. It meets annually and holds office for 3 years.

Art. 11 Research activities and support of educational activities

The educational activities are supported by the research activity carried out by the teachers and researchers of the Degree Course within the Departments they belong to. Based on their level of preparation, motivation, and commitment, students can attend the laboratories where this activity is carried out. Furthermore, all teachers are invited to regularly fill out the syllabus for their teaching at the beginning of the academic year. To verify the congruence of the syllabi with the indications of the University Quality Assurance Committee, a person responsible for monitoring the syllabus sheets will be appointed.

The Course provides students with tutors and subject experts who have the task of providing support to students who express the need. Furthermore, the Course will formalize the consolidation activity of the incoming knowledge required using two approaches:

1. invite all teachers of the Course to describe clearly and in detail, in the "prerequisites" section of the teaching syllabus, the preliminary knowledge necessary to fully understand the contents of the Course;
2. invite all teachers to dedicate the first hours of class to the transmission/consolidation of the knowledge necessary to understand the contents of the Course. The effectiveness of this activity will be guaranteed by the person responsible for monitoring the syllabus sheets. These incoming and ongoing support activities will encourage the integration of students from different first level Degree classes and from different Universities.

Art. 12 Orientation and tutoring services

Orientation activities are centrally coordinated by the Orientation and Disability Committee, in which representatives of the Departments and Schools of the G. d'Annunzio University are present.

Incoming orientation is coordinated by an orientation manager/delegate appointed by the President of the Degree Course. The delegate makes use of the collaboration of a group of teachers (Orientation Commission) to carry out the various orientation activities including the annual edition of the Open Day and the Researchers' Night and the incoming orientation of foreign students at the beginning of the academic year.

Ongoing orientation is expressed through different delivery methods: ongoing tutoring is carried out by all the teachers of the Course, typically during office hours, and is aimed at assisting students in solving their problems.

Support tutoring and assisted study consist of training activities aimed at improving the learning of some teachings, generally those of the first year of the study programme. Furthermore, there are designated reference teachers to whom students can turn if necessary to request a personal tutoring service and to agree on the corresponding methods of implementation.

In this case, the master's Degree Course will carry out ongoing orientation and tutoring activities through:

- Orientation Committee;
- Reference teachers;
- Teaching tutors available to students for problems related to training and learning;
- Director of professional teaching;

- Clinical tutors assigned to monitor the professional activities carried out by undergraduates at affiliated and/or internal university facilities;
- 1 Teaching Secretariat Office;
- 1 Student Point from the Biblos Cooperative.

The teaching tutors for *incoming*, *ongoing*, and *outgoing orientation* are coordinated by the Degree Course delegate for orientation.

The clinical tutors (1 for every 3 students) will be selected based on the evaluation of the qualifications held (including linguistic skills) and the training curriculum, by an ad hoc Commission made up of the President of the Course, the Director of professional teaching, and a member of the Steering Committee. They are coordinated by the Director of professional teaching (present among the specialist figures of the Course).

To provide study assistance in specific subjects, reported by the students themselves as most problematic, the tutoring activity carried out by PhD students, selected through specific tenders, will be extended to the Degree Course.

Outgoing orientation will be based on active involvement of the Interested Parties in the area. To this end, the Course will organize an event dedicated to undergraduates and graduates every year (Career Day), with the aim of facilitating and promoting discussion between young people and the world of work.

Students will also be able to take advantage of the University Placement Service, which is accredited as an employment agency in the Abruzzo Region, through the University S.T.A.R.T. Postgraduate Orientation Program (Internships, Higher Education, Research, Territory and Placement), managed through the JOB online platform.

Art. 13 Mobility and studies completed abroad

The Course promotes and encourages the participation of students and staff in the mobility and international exchange program recognized by the University.

The Council undertakes to recognize the credits acquired during the period of stay abroad to students who have participated in the Erasmus program for study and/or internship and thesis research activities, subject to the opinion of the international mobility contact person of the Course and according to the methods established by the University Regulations and by the specific Regulation in force on the recognition of ECTS earned abroad.

The Degree Course Council may recognize any activities carried out abroad as "internship" curricular activities.

In the case of students who have carried out a specific experimental thesis abroad, the Council, upon request of the student, may decide to recognize a few ECTS equal to two thirds of the total ECTS expected for the final exam as ECTS acquired in mobility abroad.

Art. 14 – Out of course students, repeating students, interruption, and forfeiture of studies

The student is considered out of course when he/she has not acquired, within the normal duration of the course, the number of credits necessary to obtain the qualification.

The Course can organize forms of tutoring and support for students who are out of course. The student who is out of Course loses his/her student status if he/she has not taken any exam required by the educational system for 8 consecutive academic years. As regards the possibility of withdrawing from studies, please refer to the provisions of the University Teaching Regulations.

The Course does not provide for the role of repeating student, without prejudice to failure to fulfill attendance obligations.