



Degree Programme in Radiology, Diagnostic Imaging and Radiotherapy Techniques

Academic Year 2026 / 2027

INTEGRATED COURSE (I.C.): Professional Ethics

NUMBER OF CFU (ECTS credits): 4

SSD (Academic Discipline Code): PSIC-01/A (formerly M-PSI/01), MEDS-26/B (formerly MED/50)

COORDINATOR OF THE I.C.: Prof. Susanna Cordone

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MODULE 1: Clinical Psychology, Group Dynamics

NUMBER OF CFU (ECTS credits): 2

SSD (Academic Discipline Code): PSIC-01/A (formerly M-PSI/01)

LECTURER: Prof. Susanna Cordone

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MODULE 2: Medical Sciences and Techniques (ethics, deontology and communication)

NUMBER OF CFU (ECTS credits): 2

SSD (Academic Discipline Code): MEDS-26/B (formerly MED/50)

LECTURER: Prof. Antonio Di Lascio

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PREREQUISITE COURSES

None required.

PREREQUISITES

Not applicable.

LEARNING OBJECTIVES

The educational pathway of this course integrates the teaching of clinical psychology and group dynamics with the deontological, legislative and communication aspects required for the profession of radiographer, and comprises the following modules:

- Medical Sciences and Techniques (ethics, deontology and communication)
- Clinical Psychology and Group Dynamics

The course, integrated with psychology, aims to provide students with:

- the specific competencies on the fundamental issues of ethics, deontology and communication: central pillars and essential knowledge for professional practice and for carrying out professional activity, which support the action of the healthcare professional throughout the care of the patient, in an operational context that has been strongly renewed over time both by scientific and technological progress and achievements and by the regulatory and organizational framework, in which the concept of team and of professional responsibility has been reinforced. The course introduces students to the legislation on the autonomy of professional practice, on the specific professional profile and on the relevant legal and medico-legal aspects and their implications for professional practice;
- the basic knowledge of clinical psychology and group dynamics. The aim is to offer a theoretical framework for understanding the different applications of clinical psychology in healthcare and research settings. Furthermore, the in-depth study of group dynamics aims to provide an adequate knowledge of interpersonal relationships, communication strategies and role dynamics, with particular reference to working groups and teams.

EXPECTED LEARNING OUTCOMES

DD 1: Knowledge and understanding

By the end of the course students must be able to:

As regards the module of Medical Sciences and Techniques (ethics, deontology and communication):

- Know the key contents of ethical and deontological principles
- Know the appropriate communication and relational skills that allow a better knowledge of the patient along their diagnostic and treatment pathway
- Know the legal principles concerning healthcare liability and patient safety
- Know their own professional profile, their specific responsibilities and the professional bodies that organize and protect the profession
- Illustrate the knowledge acquired and know how to apply it in operational terms

As regards the module of Clinical Psychology and Group Dynamics:

- Know the psychological aspects inherent in the relationship with the patient, and the fundamental aspects and principles of a therapeutic relationship
- Know group dynamics in order to better understand the relationships between the different professional roles within a working group
- Know how to apply their competencies in order to approach the patient appropriately, also considering emotional and cognitive aspects
- Know how to apply their competencies in order to fit in with group dynamics as effectively as possible
- Know how to observe and gather additional information in order to achieve greater knowledge and awareness of the elements to be considered in clinical practice, in research settings and in relationships with the working group
- Know how to choose the form and the means of communication appropriate to the circumstances in the relationship with the working group and with patients in healthcare settings
- Develop the ability to learn from observing the relationship with patients and with the working group in clinical and research settings

DD 2: Applying knowledge and understanding

By the end of the course students must be able to:

- Apply responsible and ethical conduct
- Comply with the applicable regulations
- Knowingly apply the knowledge acquired in order to deliver services correctly and ensure patient safety
- Independently explore the aspects relating to the specific field to which they will devote themselves in their professional activity
- Know how to apply their competencies in order to approach the patient appropriately, considering emotional and cognitive aspects
- Know how to apply their competencies in order to fit in with group dynamics as effectively as possible

DD3: Making judgements

By the end of the course students must know how to:

- Carry out general assessments on the topics covered
- Know how to observe and gather additional information in order to achieve greater knowledge and awareness of the elements to be considered in clinical practice, in research settings and in relationships with the working group

DD4: Communication skills

By the end of the course students must be able to:

- Know, adequately, the terminology and the related specific scientific aspects of the topics covered
- Apply their knowledge and skills to the professional context, so as to be able to communicate effectively with:
 - the user and accompanying persons
 - the team they work with, coordinating and collaborating properly and offering a timely, critical, proactive and problem-solving analysis of difficulties and issues.
- Know how to choose the form and the means of communication appropriate to the circumstances in the relationship with the working group and with patients in the healthcare sector

DD5: Learning skills

Students will have developed learning skills and methods suitable for deepening and improving their competencies in the field of Professional Ethics, also through the consultation of the scientific literature.

SYLLABUS**Syllabus Medical Sciences and Techniques (ethics, deontology and communication)**

- introduction to ethics and deontology, fundamental concepts and values of professional deontology in the modern healthcare context

- elements of patient safety, professional liability and health law;
- the communicative relationship for healthcare professionals: enhancing communication and information with the user, with the team and with the outside
- Professional profile
- Professional organization, professional bodies and registers
- International comparison

Seminar: students meet the professional body: perspectives and projects, international projects (Expected date: last day scheduled according to the calendar)

Syllabus Clinical Psychology and Group Dynamics

- Clinical psychology: definition of clinical psychology, history of psychology, theoretical models, research methodologies
- Mental health: violation of social norms, subjective distress, disability, dysfunction and impairment
- Clinical assessment of behaviour and personality: assessment methods in clinical psychology (interviews, questionnaires, etc.)
- Psychological interventions: psychotherapy, psychodynamic perspectives, cognitive-behavioural approach
- Groups: types, stages of development, steps in the formation of a group
- Conflict: patterns of influence in groups, conflict resolution, the strength of the group
- Leadership in groups: attributes, skills and profile of the leader

COURSE STRUCTURE

The lessons are delivered as lectures, for a total of 40 hours of classroom teaching, in blocks of 4 hours following the academic calendar.

The course is delivered entirely in English.

COURSE GRADE DETERMINATION

For assessment purposes, students must have complied with the compulsory attendance requirement.

The exam consists of a written test, integrated with the other module of the course.

The written test consists of multiple-choice questions to be completed in 60 minutes and covers the entire exam syllabus.

The score of the written test is calculated taking into account correct answers only.

No oral tests and/or supplementary tests to the written exam are envisaged, except in particular cases, at the student's request and subject to assessment by the lecturers of the module.

The final mark corresponds to the score of the written test weighted with the assessment of the supplementary test (if any).

The exams will take place at the end of the teaching semester and the dates of the exam sessions will be communicated promptly through the usual communication channels, in the classroom and via the Gomp portal.

The module is integrated with another discipline and students may sit the test in a single exam session or in different exam sessions of the current academic year.

The exam will be graded overall according to the following criteria:

Fail	Significant gaps and/or inaccuracies in the knowledge and understanding of the topics; limited analytical and synthesis skills, frequent generalizations.
18-20	Barely sufficient knowledge and understanding of the topics, with possible imperfections; sufficient analytical, synthesis and judgement skills.
21-23	Routine knowledge and understanding of the topics; correct analytical and synthesis skills with coherent logical argumentation.
24-26	Fair knowledge and understanding of the topics; good analytical and synthesis skills with rigorously expressed argumentation.
27-29	Complete knowledge and understanding of the topics; considerable analytical and synthesis skills. Good independent judgement.
30-30L	Excellent level of knowledge and understanding of the topics. Considerable analytical, synthesis and independent judgement skills. Argumentation expressed in an original way

Students with disabilities and with specific learning disorders (SLD): in accordance with current legislation and with the guidance of the University's inclusion services, students with certified disabilities or specific learning disorders are entitled to the compensatory tools and measures provided for (e.g. additional time, concept maps, equivalent tests). Adaptations of the examination are agreed between the lecturer, the student and the competent office, without prejudice to the equivalence of the learning outcomes assessed.

OPTIONAL ACTIVITIES

Workshops at the internship sites and guided visits may be organized.

READING MATERIALS

Texts Medical Sciences and Techniques (ethics, deontology and communication) [Di Lascio]

- Patrick Davey, Anna Rathmell, Michael Dunn, Charles Foster, Helen Salisbury, Medical Ethics, Law and Communication at a Glance, ed. Wiley Blackwell, USA, 2017
- Loewy, Erich E.H., Textbook of Healthcare Ethics, ed. Springer, Milan, 2002
- Material written by the lecturer, referring to the lessons

Consultation of documents and free resources produced by the European scientific societies of radiology and nuclear medicine, radiotherapy guidelines and recommendations, or free downloadable content. For example:

European Society of Radiology

<https://www.myesr.org/publications/guidelines-and-recommendations>,

European Association of Nuclear Medicine (EANM)

<https://www.eanm.org/publications/technologists-guide/>

Texts Clinical Psychology and Group Dynamics [Cordone]

- Trull TJ., Prinstein NJ. Clinical Psychology (eighth edition). Wadsworth Cengage Learning. Ebook.
- Haines NM. Group Dynamics. Basics and Pragmatics for Practitioners. University Press of America, 2012.

The lecturers are available to students for issues relating to the scientific and disciplinary content of the course, upon prior communication by e-mail and subsequent appointment, which may also take place remotely and/or in accordance with the provisions and instructions of the university organization.