



**HUMANITAS UNIVERSITY**

**Academic Regulations**

**Degree Programme in Medical Imaging and  
Radiotherapy Techniques**

(qualifying licence to practise for the healthcare profession  
of Medical Radiographer)

## **Index**

Foreword	Scope
Article 1	Training objectives
Article 2	Employment opportunities
Article 3	Access to the degree programme
Article 4	Academic specifications
Article 5	Duties of teaching staff
Article 6	Teaching and learning and professionalising activity coordinator
Article 7	Tutoring activities
Article 8	University credits
Article 9	Typology of teaching and learning activities
Article 10	Curricular courses
Article 11	Internship activities
Article 12	Elective teaching and learning activities

### **Foreword – Scope**

The degree programme in Medical Imaging and Radiotherapy Techniques (qualifying licence to practise for the healthcare profession of Medical Radiographer) is part of the class of degrees in technical medical professions (L/SNT3), lasts three years and requires the acquisition of 180 university credits for the degree to be awarded. These regulations govern its academic specifications and, with due respect for the freedom of teaching and the rights and duties of teaching staff and students, specify its organisational aspects, in analogy with the relevant academic specifications. These regulations are drawn up according to the provisions of Article 11 of Ministerial Decree 270/04, the Ministerial Decree of 19 February 2009 and the University Academic Regulations of Humanitas University.

### **Article 1 – Training objectives**

The aim of the degree programme in Medical Imaging and Radiotherapy Techniques is to produce technical professionals who



and the relevant ministry with regard to the need for medical staff with the professional profile of the class.

The admission test is prepared annually by the university, and registration takes place based on the ranking resulting from the admission test.









scientific knowledge with professional and organisational operational practice, with a view to progressively acquiring functional and managerial autonomy.

The structure and organisation of internship activities are delegated to the teaching and learning coordinator, who prepares a detailed plan of their implementation. Internship activities take place under the guidance and responsibility of clinical tutors.

In addition to existing partner healthcare facilities, the teaching and learning coordinator may suggest, to the university bodies, non-university, hospital and/or local care facilities at which the internship may take place once their didactic suitability and consequent partnership has been evaluated.

Attendance at internships is compulsory and cannot be substituted. It is certified and evaluated by the clinical tutor by filling in the appropriate evaluation form. The teaching and learning coordinator monitors the achievement of the planned number of internship hours for every single student.

The internship evaluation grade, expressed in thirtieths, includes the attendance assessment and the outcome of the final examination at the end of each year of the programme.

Internships undertaken abroad under the Erasmus programme will be assessed based on the ECTS recognition system.

Students on the degree programme in Medical Imaging and Radiotherapy Techniques are required to attend a compulsory health and safety training course, pursuant to Article 37 of Legislative Decree no. 81 of 9 April 2008, with a final test and issue of the relevant certificate. The course will take place before the start of the internship activities at the times and with the criteria indicated by the university. This training course does not entitle the holder to acquire any university credits.

### **Article 12 – Elective teaching and learning activities**

The degree programme in Medical Imaging and Radiotherapy Techniques coordinates the provision of elective teaching and learning activities, either standalone or interconnected in "homogeneous learning paths". These activities are conducted through lessons, seminars, interactive courses in small groups, and clinical internships. Students must attend elective activities equivalent to a total number of 6 university credits over the three years.

Elective activities can also include elective internships in research facilities or in particular clinical settings; participation in conferences and congresses; and other international study programmes. Elective activities that cannot be planned during the annual assignment of teaching hours and duties must be submitted to the teaching committee for approval.

The acquisition of language and computer skills beyond those required by these regulations, and potentially obtained prior to enrolment in the degree programme, will be regarded as an elective activity chosen by the student.

The evaluation of individual elective teaching and learning activities is not expressed in a numerical grade but only in the recognition of the corresponding credits, subject to certification of attendance at the activity. The timetable of elective teaching and learning activities will be published in good time, generally together with the timetable of compulsory teaching and learning activities.

### **Article 13 – Compulsory attendance**

Attendance at all theoretical, practical and internship teaching and learning activities included in the study plan is compulsory.

In order to be allowed to take the relevant assessment, students must have attended at least 75% of the number of hours of teaching and learning activities scheduled for each course. The internship activity must normally be completed at 100 per cent, with the possibility of catching up in the event of justified absences, subject to planning by the teaching and learning coordinator. The teacher in charge of the programme and the teaching and learning coordinator are responsible for checking that students have complied with the compulsory attendance requirement.

Should a student fail to achieve the stipulated percentage of attendance hours, they are ineligible to take the examination, other than in exceptional cases authorised by the teacher and the teaching and learning coordinator.

### **Article 14 – Assessments**

Pursuant to the University Teaching Regulations, every course that is not an elective course, including integrated courses, culminates in a single, individual examination.

The committees formulate their judgement through a grade expressed in thirtieths. The examination is deemed to have been successfully passed with an evaluation between a minimum of 18/30 and a maximum of 30/30, to which honours may be added. Passing the examination results in the allocation of the university credits related to the course. In addition to the final examination, continuous assessment tests may be set to evaluate the effectiveness of the learning and teaching processes with regard to particular objectives, without a registered mark.

In accordance with statutory regulations, examination committees are appointed by the teaching committee on the recommendation of the head of the degree programme and the teaching and learning coordinator and are made up of at least two teaching staff members. The assessment methods (oral, written and practical tests, etc.) are defined by the teaching staff of each course and must be communicated to the students concurrently with the delivery of the course syllabus at the start of the academic year/semester. The contents of the assessment must correspond to those of the programmes effected.

Oral tests are public, and written tests must provide for the possibility of verification by the students. In the case of written tests, students may withdraw at any point in the entire length of the

test. In the case of oral tests, students may withdraw at any point up to the moment before a written record is made of the final evaluation. Students have the right to reject the proposed grade. The committee must always make a written record of examinations even in the event of failure or withdrawal by a student.

### **Article 15 –**

To take the examination(s) of:	Programme year	Semester	It is necessary to have taken the examination(s):	Programme year	Semester
Diagnostic techniques 1	1	annual		1	1
Diagnostic techniques 1	1	annual		1	1
Diagnostic techniques 2				1	1
Diagnostic techniques 2				1	1
Diagnostic techniques 3				1	

1. The status of students who fail examinations, or who interrupt or suspend their studies for a period of more than eight consecutive academic years, will lapse. Students whose status has lapsed may, after passing the admission test, re-enrol in the academic degree programme. To this end, and

qualifications submitted by students are assessed by a special committee appointed by the teaching committee.

### **Article 22 – Evaluation of teaching effectiveness and efficiency**

Like all the university's other degree programmes, the academic degree programme in Medical Imaging and Radiotherapy Techniques reviews the efficiency and effectiveness of its study programme every semester, through the quality assurance coordinator and in agreement with the university's evaluation committee, with particular regard to:

- organisational efficiency of the academic degree programme and its academic bodies
- quality and quantity of services made available to students
- ease of access to information related to each area of teaching and learning activity
- effectiveness and efficiency of teaching with reference to both formal and non-formal theoretical activities and to professionalising practical internship activities
- teaching and learning activities of the teaching staff in the assessment of students
- quality and organisation of tutoring assistance to students
- students' average educational performance, determined based on their academic achievements and the constancy of their progression through the university
- opinion questionnaires, whose anonymity is guaranteed

The results of the evaluation are

The committee prepares an annual report containing recommendations for improving the quality and effectiveness of the academic bodies, particularly concerning achieved learning outcomes, in relation both to employment prospects and personal and professional development, and to the needs of the economic and production system.

The recommendations are prepared after monitoring the relevant indicators referred to in Article 12, paragraph 4 of Legislative Decree No. 19/2012. They are also based on questionnaires or interviews with students duly informed about the university's quality system.

The joint teaching staff / student committee's report is submitted to the Quality Assurance Unit and

**Table I: Study plan**

Programme year	Semester	Integrated course	Integrated course UCs	Scientific disciplinary sectors	SDS/module UCs	Teaching and learning activities:	Subject areas



Total 1st year university credits			53		53		



