



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Training III

2627-3-I0303D016

Aims

Knowledge and understanding

The student will acquire knowledge of the principles and clinical applications of Nuclear Medicine, Radiotherapy, and Medical Physics, including the operation of major equipment, clinical protocols, radiation protection, and quality control standards.

Applying knowledge and understanding

The student will be able to apply the acquired knowledge to assist in the performance of Nuclear Medicine investigations and radiotherapy treatments, managing the patient during preparation, positioning, acquisition, and treatment phases under supervision.

Making judgements

The student will be able to evaluate the correct implementation of diagnostic and therapeutic procedures, the appropriateness of the protocols used, and compliance with safety, radiation protection, and quality standards.

Communication skills

The student will be able to communicate effectively and professionally with patients and the multidisciplinary healthcare team, adapting communication to diagnostic and therapeutic contexts.

Learning skills

The student will develop the ability to integrate advanced knowledge and practical skills across diagnostic and therapeutic domains, progressively strengthening operational autonomy and continuous professional development.

Contents

By the end of the third year of training, the students will be able to conduct Nuclear Medicine diagnostic investigations and Radiotherapy treatments, knowing the functioning of equipments and the procedures for processing and archiving of produced images.

The students will also be able to respect and apply the standards of radioprotection for patients and workers.

Detailed program

Prerequisites

Teaching form

Traineeship

Textbook and teaching resource

Semester

First and second semester

Assessment method

Evaluation form completed by the tutor at the placement site to assess aspects such as interpersonal skills with the patient, technical management of the examination and use of equipment. Final oral examination conducted with the lecturers in charge of the practical traineeship in order to verify in a structured manner the achievement of the planned training objectives.

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION
