



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Nuclear Medicine Instruments

2425-3-I0303D036-I0303D060M

---

#### Aims

The student should know the technological basics of the Nuclear Medicine and PET equipments

#### Contents

Nuclear Medicine equipments: Scintigraphy, Single Photon Emission Computed Tomography (SPECT), Positron Emission Tomography (PET)

#### Detailed program

Physical principles, characteristics, technological bases, operation, and quality controls of the equipment used in Nuclear Medicine:

Scintigraphy

SPECT - Single Photon Emission Tomography

PET - Positron Emission Tomography

#### Prerequisites

#### Teaching form

4 frontal lessons of 2 hours carried out in attendance

### **Textbook and teaching resource**

The teacher will provide other educational materials

### **Semester**

First semester

### **Assessment method**

5 multiple choice questions and oral exam

### **Office hours**

By appointment required by mail

### **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

---