



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Applied Medical Technical Sciences B

2324-4-H4101D020-H4101D082M

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#### Learning area

#### Learning objectives

Provide the student with the tools to deepening the techniques of Diagnostic Imaging in radiology, nuclear medicine and radiotherapy.

#### Contents

Procedures for radiodiagnostic examinations (Rx, CT, MRI) and departmental visit with discussion of clinical cases

Procedures for nuclear medicine examinations and discussion of nuclear medicine exams in classroom an in Nuclear medicine - PET department

#### Detailed program

Procedures for radiodiagnostic examinations (Rx, CT, MRI) in the toracic, abdominal and pelvic regions and departmental visit with discussion of clinical cases

Procedures for nuclear medicine examinations: indications, patient preparation, execution and examination, reporting (with discussion of clinical cases of bone scintigraphy, myocardial SPET and oncological PET studies).

Discussion of planar scintigraphic examinations (static, dynamic and gated acquisitions) in the nuclear medicine

department - PET

Discussion of SPET and PET examinations and visit to the Nuclear Medicine - PET department.

### **Prerequisites**

None

### **Teaching methods**

Lessons will be provided in presence, subject to any ministerial changes following the COVID pandemic situation

### **Assessment methods**

During final global examination (cfr. Syllabus)

### **Textbooks and Reading Materials**

Slides and clinical cases presented.

### **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY

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