



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Conventional and Dedicated Radiological Techniques

2425-1-I0303D006-I0303D024M

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#### Aims

The course aims to provide students with theoretical and practical skills, and basic techniques to execute conventional radiological investigations, using direct techniques.

#### Contents

The student will learn conventional radiological techniques. Image quality and diagnostic accuracy; imaging of normal and Pathologic conditions of the body systems

#### Detailed program

Anatomical plans and radiological plans.

Review of anatomical positional and movement terminology.

Radiological positions of the patient, planar orientation of the radiographic projections, direction of the beam (orthogonality and obliquity) and its incidence.

Conventional radiology in the study of the chest: the lung, the pleura, the mediastinum. Radiographic projections for the study of the chest.

Conventional radiology in the study of the abdomen. Direct radiographic projections for the study of the abdomen

Conventional radiology in the study of the osteo-articular and muscular systems.

The main radiographic projections for the study of the skull and facial massif.

The main radiographic projections for studying the spine

The main radiographic projections for the study of the pelvic girdle and the lower limb.

The main radiographic projections for the study of the shoulder girdle and the upper limb.

Mammographic techniques

Theoretical foundations of stratigraphic techniques.  
Orthopantomography.  
Plesiography

## **Prerequisites**

Organs and Functions

## **Teaching form**

### **Monza**

- ? 8 frontal lessons of 2 hours carried out in attendance
- ? 2 interactive lessons of 2 hours carried out in attendance

### **Bergamo**

- ? 2 frontal lessons of 2 hours carried out in attendance
- ? 8 interactive lessons of 2 hours carried out in attendance (Problem Based Learning technique)

## **Textbook and teaching resource**

F.MAZZUCATO: "Anatomia Radiologica. Tecniche e Metodologie in Radiodiagnostica" Ed.Piccin

Teachers will provide other educational material.

## **Semester**

Second semester

## **Assessment method**

Oral test to evaluate preparation on the teaching programme, the ability to organize knowledge in a short discussion and communication skills in a disciplinary context.

## **Office hours**

By appointment required by mail

## Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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