

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

# **COURSE SYLLABUS**

# **Mri Semiotics**

2425-2-I0303D035-I0303D053M

#### **Aims**

Students are expected to acquire basic knowledge on main clinical indications of MR imaging. Students are also required to achieve a solid knowledge of radiological anatomy

#### **Contents**

The course aims to provide students with basic knowledge of clinical indications of Magnetic Resonance Imaging.

## **Detailed program**

- Genesis and semeiotics of the signal in MRI
- Main indications for MRI clinical examination and general information on the most frequent pathological occurrences.
- Fundamentals of radiological anatomy.

## **Prerequisites**

Diagnostic Imaging Techniques I

## **Teaching form**

4 frontal lessons of 2 hours carried out in attendance

### **Textbook and teaching resource**

TECNICHE DI TOMOGRAFIA COMPUTERIZZATA E DI RISONANZA MAGNETICA - Cei Luigi, EDITRICE UNIVERSO

The teacher will provide other educational materials

#### Semester

Second semester

#### Assessment method

#### Monza

Oral exam to evaluate preparation on the exam program, the ability to organize knowledge and communication skills in a disciplinary context.

#### Bergamo

Multiple choice questions and open questions to evaluate preparation on the exam programme, the ability to organize knowledge and communication skills in a disciplinary context. Possible additional oral interview if requested by the teacher or the student.

#### Office hours

By appointment required by mail

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION