



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Mri and Ultrasonography Instruments

2324-2-I0303D035-I0303D051M

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#### Aims

Students are expected to acquire basic knowledge on MR physics and Ultrasonography

#### Contents

The course aims to provide students with basic knowledge of physical principles, techniques and applied aspects of Magnetic Resonance and Ultrasonography.

#### Detailed program

- Genesis and semeiotics of the signal in MRI
- sequences and coils used in MR
- the signal quality in different sequences

#### Prerequisites

Diagnostic Imaging Techniques I

## **Teaching form**

Lectures

## **Textbook and teaching resource**

F. Mazzucato, "Anatomia Radiologica. Tecniche e Metodologie in Radiodiagnostica".

The teachers will provide other educational materials

## **Semester**

Second semester

## **Assessment method**

## **Office hours**

By appointment required by mail

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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