UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Information Processing

2021-2-I0202D125-I0202D131M

Aims

Provide the student with the basic knowledge on image diagnostics

Contents

- Diagnostic imaging techniques, in terms of physical principles, instrumentation and image formation process.

Detailed program

- Conventional Radiology
- Computed Tomography
- Echography
- Anatomic, functional and diffusion-weighted Magnetic Resonance
- Scintigraphy and Single Photon Emission Computed Tomography
- Positron Emission Tomography

Prerequisites

Physics basic knowledge

Teaching form

Lectures

In the Covid-19 emergency period, lessons will be held remotely asynchronously with synchronous videoconferencing events

Textbook and teaching resource

Slides presented during the course

Semester

Second semester

Assessment method

Written test made by two open questions

During the Covid-19 emergency period the exam will take place electronically with proctoring control.

Office hours

By appointment fixed by e-mail