



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Diagnostica per Immagini e Radioprotezione

2021-1-I0101D003-I0101D011M

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#### Aims

This part of the course aims to provide students with the main elements of biohazard; notes on physics of radiation, exposure mode and principles of radiation protection

#### Contents

Notes on physics of radiation, biohazard exposure mode and principles of radiation protection.

#### Detailed program

Exposure ways in diagnostic radiology and nuclear medicine. General principles of radiation protection. Radiation protection for operators. Classification of radiation damage. Radiation protection for patients. Roles and responsibilities of healthcare workers. Exposure of patients of childbearing age. Exposure of pediatric patients. Non-occupational exposures of voluntary and informed people who assist patients

#### Prerequisites

none

#### Teaching form

Lessons and tutorials delivered in mixed way, partially in presence, and/or synchronous and asynchronous video-recorders

## **Textbook and teaching resource**

Slides of the lessons

Recommended book for consultations: F.Giovagnorio. Manuale di diagnostica per immagini nella pratica medica. Esculapio Ed. 2017

## **Semester**

First year - First semester

## **Assessment method**

Multiple choice questions, of which only one is correct, integrated in the Hygiene, Labor Medicine and Medical Statistics exam aimed at verifying the knowledge on the topics of the module's program.

## **Office hours**

On appointment

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