



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Dosimetria Clinica

2021-3-I0303D015-I0303D065M

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#### Aims

Students should be able to know the principles of Clinical Dosimetry, necessary to carry on their profession

#### Contents

The course aims to provide students with the knowledge of the methods for calculating the dose distribution and principles of dose optimization in Radiotherapy

#### Detailed program

Radiation dose and volumes in Radiotherapy

Radiation sources

Dose distribution calculate

Dose optimization in Radiotherapy

External beam Radiotherapy

Brachithery

## **Prerequisites**

Health Care and Disease Prevention

## **Teaching form**

Lectures

## **Textbook and teaching resource**

Teacher will provide educational materials

## **Semester**

First semester

## **Assessment method**

Multiple choice test comprising 20 questions about RT equipments, Clinical Dosimetry, Radiobiology and Clinical Radiotherapy with only one correct answer among 4 aimed at evaluating global comprehension of course program. Each correct answer is scored 1,5.

The oral test consists in the evaluation of the knowledge acquired among the course topics through open questions, possibly related to the mistakes made during the written test.

## **Office hours**

By appointment required by mail

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