

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

### **COURSE SYLLABUS**

## **Clinical Dosimetry**

2021-3-I0303D015-I0303D065M

#### **Aims**

Students should be able to know the principles o 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 dstribution calcule

Dose optimization in Radiotherapy
External beam Radiotherapy
Brachitherapy
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

