

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

### **COURSE SYLLABUS**

## **Clinical Dosimetry**

2526-3-I0303D015-I0303D065M

#### **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**

Volumes and doses in Radiotherapy Radiation sources in Radiotherapy Calculation of the dose distribution Principles of dose optimization External beam radiotherapy Brachytherapy

### **Prerequisites**

Health Care and Disease Prevention

### **Teaching form**

4 frontal lessons of 2 hours carried out in attendance

### Textbook and teaching resource

Teacher will provide educational materials

#### Semester

First semester

#### **Assessment method**

Monza

Oral interview

Bergamo

Multiple-choice questions and oral interview

### Office hours

By appointment required by mail

### **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION