

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

# **COURSE SYLLABUS**

# **Radiotherapy Techniques**

2122-3-I0303D015

#### **Aims**

The course aims to provide students with: the knowledge of radiotherapy equipment, the various techniques of irradiation (external beam radiotherapy brachytherapy), the methods for calculating the dose distribution and principles of dose optimization; it also aims to provide knowledge about the different modality of irradiation depending on the main tumors.

#### **Contents**

The course aims to provide students with the knowledge about Radiotherapy Oncology

# **Detailed program**

Radiotherapy equipments. The various stages of the radiotherapy:
AND
National Association Association Association

Prerequisites
Health Care and Disease Prevention
Teaching form
Lectures and exercises
Textbook and teaching resource

#### Semester

First semester

## **Assessment method**

Teachers will provide educational materials

Written and oral test about RT equipments, Clinical Dosimetry, Radiobiology and Clinical Radiotherapy and only oral test about the topics of the other modules.

The final mark is based on the average score obtained by the students during the different evaluations

## Office hours

By appointment required by mail