UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Clinical Dosimetry

2425-3-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

Multiple choice questions and oral exam

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION