



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Training in Treatment Planning unit of a Radiotherapy Department

2526-3-I0303D027

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#### Aims

Knowledge of Radiotherapy planning techniques

#### Contents

Treatment planning system (TPS) in Radiation Oncology

#### Detailed program

1. volumes of interest definition
2. contouring
3. dose distribution planning
4. forward and inverse optimization
5. dose-volume histograms calculations

#### Prerequisites

Knowledge of theoretical items of radiotherapy planning

## **Teaching form**

Attendance in the planning unit

## **Textbook and teaching resource**

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## **Semester**

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## **Assessment method**

Attendance

## **Office hours**

By appointment required by mail

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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