UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Radiation Physics

2324-1-I0201D132-I0201D135M

Aims

Basic concepts of radiation physics, basic concepts of radioprotection

Contents

RADIATION PHYSICS: X-ray and radioactivity. Overview of radiation protection and biological effects of ionizing radiations.

Detailed program

RADIATION PHYSICS

? X Rays

? Radioactivity

? Alpha, beta and gamma decay

? Interaction of radiations with matter

? Overview of radiation protection

? Biological effects of ionizing radiations

Prerequisites

Objectives of the first year courses

Teaching form

Lectures in attendance

Textbook and teaching resource

1. D. Scannicchio, Fisica Biomedica, EDISES

Semester

Secondf semester

Assessment method

Multiple choice test comprising 5 questions with only one correct answer and Open questions

Oral test (optional, on evaluation of the teacher).

Office hours

You receive by appointment requested by email

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING