



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Fisica delle Radiazioni

1920-1-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.

Textbook and teaching resource

1. D. Scannicchio, Fisica Biomedica, EDISES

Semester

First semester

Assessment method

Written exam: quizzes with single / multiple choice and open questions with brief answer.

Final oral exam at the discretion of the teacher or on the student's proposal regarding the project

Office hours

You receive by appointment requested by email
