

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

## **COURSE SYLLABUS**

### **Pediatrics**

2526-2-I0301D010-I0301D042M

#### **Aims**

The student is expected to learn basic concepts about diagnosis, treatment and outcome of pediatric diseases and hematological disorders involving children and adolescents.

#### **Contents**

The aim of the course is to provide students with basic concepts about the physiology of the growing child, the commonest pediatric diseases and hematological disorders occurring in childhood.

### **Detailed program**

- The physiology of newborn, toddler and child: concepts about growth, growth centiles, pubertal development, dentition, diet and prevention of tooth decay; obesity and rickets.
- Pediatric rashes, vaccinations, respiratory disorders, endocrinological diseases and disorders involving the central nervous system
- Pediatric leukemias and lymphomas, focus on diagnostic and therapeutical issues. The child with Down syndrome and other syndromic diseases
- Non oncological blood disorders (hemoglobinopathies, thrombocytopenia, clotting disorders). Hematopoietic stem cell transplantation: who, what, how, when, why

### **Prerequisites**

# **Teaching form**

4 frontal lectures (2 hours each)

# Textbook and teaching resource

- 1. Teachers will provide educational material.
- 2. Nelson, testbook of pediatrics

#### Semester

2nd semester

### **Assessment method**

Multiple choice test comprising 20 quiz with only one correct answer (out of 4) aiming at evaluating global comprehension of course program.

#### Office hours

On appointment requested by mail

# **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING