



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Information Processing Systems

2021-2-I0301D032-I0301D048M

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#### Aims

The course provides the basis for understanding the architecture of information processing systems, software and telecommunications networks.

#### Contents

1. Introduction of basic concepts of computer science and computer systems.
2. Web resources
3. Use of databases
4. Method and structure of a thesis
5. Curriculum Vitae

#### Detailed program

The course is characterized by the set of scientific fields and scientific-disciplinary skills related to information processing systems, as well as to their management and use in various application contexts.

1. Notes on the general and functional architecture of a data processing system.
2. Electronic management and coding of information.
3. Information storage.
4. Internet and web. Hints on the evolution of the internet.
5. Architecture of information systems on the web.
6. The exchange of information on the net.
7. Design and compilation of a thesis.
8. How to set up and write a curriculum vitae

**Prerequisites**

Be enrolled in the second year of the degree course in Dental Hygiene

**Teaching form**

Frontal lesson

**Textbook and teaching resource**

Lessons will be given with frontal teaching methods accompanied by iconographic material. The student will be asked to actively discuss the proposed cases.

**Semester**

Second Semester

**Assessment method**

Written test: 8 multiple choice questions and two descriptive questions

**Office hours**

Monday from 08.15 to 12.00, by appointment

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