



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Pathology

2324-4-H4102D029-H4102D109M

---

#### Aims

The course will offer an overview of the cultural background and specific features required for a pathologist and for an anatomical pathology Technician. In particular skills of the training course are: specimens in the histological lab (management and preparation phase); histological and cytological diagnosis; the anatomy-pathological report: quality controls in the anatomical pathology laboratory; fine needle aspiration biopsy application, immunohistochemistry, molecular biology and electron microscopy; pathological overview of organ diseases: glomerulonephritis); Endocrine system (thyroid and adrenal pathology),

#### Contents

The aim of the course is to provide students with the fundamentals of Pathological basis of organs and apparatus diseases, and provide the proper techniques for their study.

#### Detailed program

Professional duties of the pathologist and of the Technician. Type of samples processed in the Pathology Unit and diagnostic Pathology: Fixation, sampling. Histologic and cytological diagnosis: the pathologic report. Quality controls in Pathology. Diagnostic applications of fine needle aspiration cytology, immunohistochemistry, molecular biology and electronic microscopy.

#### Prerequisites

**Teaching form**

Practical exercises with tutoring

**Textbook and teaching resource**

The Teachers will provide educational materials

**Semester**

To be defined

**Assessment method**

Quiz and Oral Test

**Office hours**

Lunch break

**Sustainable Development Goals**

GENDER EQUALITY

---