



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Metodi e Tecniche di Anatomia Patologica

1920-2-I0302D012-I0302D043M

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#### 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.

#### 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**

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## **Teaching form**

Lectures and exercises

## **Textbook and teaching resource**

The Teachers will provide educational materials.

## **Semester**

Second semester

## **Assessment method**

Open questions on items explained during frontal lessons, to be written as short essays.

## **Office hours**

On appointment requested by mail

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