



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Biochemistry II

1718-1-H4102D001-H4102D003M

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#### Aims

Provide the concepts necessary to understand biological phenomena and energy changes connected to them. Explain how organ functions can be regulated according to their particular biochemical processes, focusing on metabolic integration

#### Contents

The Biochemistry II module will illustrate the importance of life-sustaining chemical reactions. It will describe in detail the integrated biochemistry of organs and tissues. It will provide useful knowledge for the best understanding of other medical disciplines and clinics.

#### Detailed program

Plasma lipoproteins and their metabolism. Aspects of human and metabolic sensory biochemistry. Hormonal regulation of metabolisms.

#### Prerequisites

Basic knowledge of biology and chemistry.

#### Teaching form

Lectures, exercises, laboratory.

### **Textbook and teaching resource**

Biochemistry, Berg et al.  
Biochimica con aspetti clinici, Thomas Devlin

### **Semester**

second semester.

### **Assessment method**

Written and oral exam: 15 multiple-choice questions to be completed in 30 minutes. Some questions may provide more than one correct answer. Oral discussion of the written exam with possible deepening of one or more topics.

### **Office hours**

on appointment.

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