



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Professional and Educational Responsibility and Health System Management

2425-3-I0202D130

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#### Aims

The module aims to make the student able to:

- To read with a critical spirit the scientific literature that presents descriptive and inferential statistical analyzes
- Have a solid basic knowledge to be involved in the design and implementation of studies in the psychological field
- Have a knowledge of the basic elements of Occupational Medicine and the prevention system in the occupational field, of the main aspects of occupational risks, with particular reference to the health sector, in order to prevent the development of occupational diseases
- Have a basic knowledge of economics and business organization

#### Contents

##### STATISTICA PER LA RICERCA

Confidence interval on the parameter  $p$  probability of an event (proportion); Frequency tables and graphs; Order of magnitude and dispersion indicators; Gaussian Distribution (to approximate the trend of a histogram); Confidence interval on the  $\mu$  parameter; Use of the Gaussian distribution to construct confidence intervals

##### MEDICINA DEL LAVORO

The course provides students with useful information to promote health in the workplaces and to avoid behaviors that may cause occupational diseases, with particular reference to musculoskeletal disorders.

##### ECONOMIA E ORGANIZZAZIONE AZIENDALE 1

Knowledge of the basic concepts of the economic science applicable to health system. Practical use of economic techniques for the evaluation of business strategic choices. Knowledge of the health organizational model and his main sources of funding. Knowledge of the regional health organization model and differences with the national

one.

## ECONOMIA E ORGANIZZAZIONE AZIENDALE 2

The management control and budgeting cycle. Criteria for regional accreditation. Principal laws

### **Detailed program**

Listed in the syllabus of each segment.

### **Prerequisites**

Listed in the syllabus of each segment.

### **Teaching form**

All classes are conducted in-person in a lecture format.

The language is Italian.

### **Textbook and teaching resource**

#### STATISTICA PER LA RICERCA

Fondamenti di statistica Micheal Sullivan III, traduzione a cura di Emma Zavarrone, Pearson 2020, diponibile anche come e-book [https://www.pearson.it/opera/pearson/0-7264-fondamenti\\_di\\_statistica](https://www.pearson.it/opera/pearson/0-7264-fondamenti_di_statistica);

Slides

Video Clip

#### MEDICINA DEL LAVORO

Bertazzi PA. Medicina del Lavoro. Milano: Raffaello Cortina Editore, 2013

Learning material provided by the teacher

#### ECONOMIA E ORGANIZZAZIONE AZIENDALE 1

Decreto Legislativo 502/1992

Decreto Legislativo 517/1993

Decreto Legislativo 229/1999

#### ECONOMIA E ORGANIZZAZIONE AZIENDALE 2

Circolare 28 / San

DGR VII/2800 del 22.12.2000

Circolare 46 / San e 21/ San

Legge 833/1078

## **Semester**

Second Semester, 3rd year

## **Assessment method**

Final exam: written test with closed multiple-choice questions with only one correct answer and 1 short-answer question.

## **Office hours**

By appointment requested by e-mail

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY | DECENT WORK AND ECONOMIC GROWTH

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