



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Economic Statistics II

2021-2-E4101B014

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#### Learning objectives

First module:

- economic multiplier, how to compute an IO multiplier and interpret it properly.

- productivity.

Second module:

- labour force,

- production.

#### Contents

Module 1

Introduction : Social Accounting matrices

## Multipliers

- IO multipliers
  - multiplier computation ? Type 1, type 2, SAM,
  - properties and limits of IO models,
- Other multipliers in use in Economy.

## Productivity

- Concepts and definitions : production, productivity, production function
- Total Factor productivity and the residual (Solow model).

## Module 2

### **Detailed program**

### **Prerequisites**

There is no formal course prerequisite.

for module 1, sufficient knowledge of matrix computation is necessary, mostly matrix product.

### **Teaching methods**

### **Assessment methods**

### **Textbooks and Reading Materials**

### **Semester**

## **Teaching language**

Italian.

Supporting texts will be provided mostly in Italian and English, occasionally in other languages.

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