



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Quantitative Methods for Business

2223-1-E1802M115

Learning objectives

Economic disciplines deal with a variety of quantitative phenomena, often showing different characteristics. Thus, the course aims at providing a set of mathematical and statistical methods to deal with such complex phenomena. First, students will be provided with the bases to treat simple mathematical models in economics. Second, students will get the ability of locating and applying the suitable statistical tool to summarize single phenomena or their relations. To fulfill this double purpose, the course is partitioned in the modules of mathematics (Matematica Generale I) and statistics (Statistica I).

Contents

Real functions of real variables. Main elements of univariate and bivariate descriptive statistics.

Detailed program

See the dedicated sections of each module.

Prerequisites

Algebra and analytic geometry at an elementary level.

Teaching methods

Frontal lessons (theory and examples). Practical sessions (exercises).

Assessment methods

Students can do a partial test for each module. The final mark is obtained as weighted average of the partial tests, according to the credits (CFU) of each module.

Textbooks and Reading Materials

See the dedicated sections of each module.

Semester

First and second semester.

Teaching language

Italian.

Sustainable Development Goals
