# COURSE DETAIL

| STATISTICS 1 - THEORY AND METHODS |
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| **Country**<br>Italy |
| **Host Institution**<br>University of Commerce Luigi Bocconi |
| **Program(s)**<br>Bocconi University |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Statistics Economics |
| **UCEAP Course Number**<br>102 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>STATISTICS 1 - THEORY AND METHODS |
| **UCEAP Transcript Title**<br>STATISTICS 1 |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>4.00 |

**Course Description**
This course offers an introduction to the main concepts of statistical thinking, both descriptive and inferential. The course begins by exploring the most relevant techniques for collecting and analyzing data. The course then introduces the fundamental principles of probability theory and random variables, as a basis for better understanding the point estimation theory. The course focuses on analyzing real data, illustrating some of the methods and concepts with the help of the statistical software R. Students complete a written midterm and final exam.

**Language(s) of Instruction**
English

**Host Institution Course Number**
30456

**Host Institution Course Title**
STATISTICS - MODULE 1 (THEORY AND METHODS)

**Host Institution Course Details**

**Host Institution Campus**
University of Commerce Luigi Bocconi

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Decision Sciences

**Course Last Reviewed**

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