UNIVERSITÀ DEGLI STUDI DI TORINO

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TIC06_DIP_MAN

Teaching for International Courses– Visiting Professors Academic year 2017/2018

The Visiting Professor will give classes in two different courses, the main course and the additional one, as stated below. The courses will take place in the first term.

MAIN COURSE

1stTerm
COURSE TITLE **Statistics For Business**
Scientific area **Mathematics and Statistics**
Department of Management
English-taught degree course **Bachelor in Business & Management**
Language used to teach **English**
Teaching Commitment: 42 hours
Course summary The aim of the course is to provide advanced statistical concepts and quantiative methods common in business applications. Main topics should include: •   Data collection; Presenting data in tables and charts •   Numerical descriptive measures •   Probability •   Sampling distributions •   Confidence interval estimation •   Hypothesis testing •   Statistical inferences based on two samples •   Aanalysis of variance •   Simple linear regression analysis •   Multiple regression
Learning objectives The goal is to introduce a new way of thinking about data, and to help students to gain an understanding of how to use, communicate, and interpret statistics. It is a foundation course required of all business majors because statistics is an integral part of the structure and functions of business. The knowledge and skills acquired will help the students in advanced business courses and their business career.

ADDITIONAL COURSE

COURSE TITLE **Quantitative Methods For Decision Making**
Scientific area **Mathematics and Statistics**
Department of Management
English-taught degree course **Master in Business Administration**
Language used to teach **English**
Teaching Commitment: 21 hours

Course summary Given today's digital revolution in data capture, the focus of this module is on building a better understanding of the statistical tools for displaying and analysing business data The module should cover a variety of topics from the description and visualisation of data, to testing differences between samples and finally to building models to identify the key factors that drive the up and down movement in business performance.
Learning objectives The goal is to introduce a new way of thinking about data, and to help students to gain an understanding of how to use, communicate, and interpret business data.
Lab activities The use of the computer lab and statistical software can be considered in order to give students practical knowledge and skills.

Visiting Professor Profile The successful applicant should have a background in independent research in fields such as statistical methods, big data, quantitative business analysis, and have teaching experience of statistics courses at undergraduate and postgraduate level. As such, we are seeking applicants with a PhD in statics or related field, with proven research skills, a strong publication record and a commitment to teaching and developing courses of the highest standard.

Contact person at the Department **Prof. Simone Domenico Scagnelli** simone.scagnelli@unito.it