COURSE DETAIL

FORECASTING AND PREDICTIVE ANALYTICS

Country
Italy

Host Institution
University of Bologna

Program(s)
University of Bologna

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics

UCEAP Course Number
172

UCEAP Course Suffix

UCEAP Official Title
FORECASTING AND PREDICTIVE ANALYTICS

UCEAP Transcript Title
FRCAST&PRDCT ANLYTC

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course is part of the Laurea Magistrale degree program and is intended for advanced level students. Enrollment is by permission of the instructor. At the end of the course the student has a wide knowledge of the most important statistical techniques employed for forecasting and prediction purposes in modern business activities. In particular the student is able to: select the most appropriate predictive model to solve the business problem at hand; analyze the data and perform predictions using the statistical software R; report the results in a proper format for the business management. The course content includes: a probabilistic approach to the business prediction and forecasting problem, evaluation of predictions and forecasts, linear predictors, and forecasting models.

Language(s) of Instruction
English

Host Institution Course Number
96799

Host Institution Course Title
FORECASTING AND PREDICTIVE ANALYTICS

Host Institution Campus
BOLOGNA

Host Institution Faculty

Host Institution Degree
LM in STATISTICS, ECONOMICS, AND BUSINESS

Host Institution Department
STATISTICAL SCIENCES

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