UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP86_DIP_FIL

Visiting Professor Program
Academic year 2022/2023

TEACHING COMMITMENT: 24 hours

COURSE TITLE

Advanced methods for educational and training research

TEACHING PERIOD
2nd term

SCIENTIFIC AREA
Experimental Education

LANGUAGE USED TO TEACH
Italiano

COURSE SUMMARY
The course will deal with advanced methods for research in education and training, with particular reference to the definition of experimental plans, construction of tools for detecting students' cognitive abilities, data analysis using multivariate statistical techniques.

LEARNING OBJECTIVES
Design and implement an experimentation plan in educational and training contexts.
Build tools to detect students' cognitive abilities.
Analyze experimental data by means of multivariate statistical techniques.
Define syntheses of research results applicable to educational and training practice.

TUTORSHIP ACTIVITIES
N/A

LAB ACTIVITIES
N/A

OTHER ACTIVITIES BESIDES THE COURSE

Seminars and conferences addressed to PhD students and research fellows.

VISITING PROFESSOR PROFILE

Experience in construction of statistical models in cognitive sciences with skills in a broad range of multivariate data analysis techniques: meta-analysis, nonlinear analysis, dimensionality reduction methods), etc.

Experience of research in cognitive training effectiveness and/or in relationship between intelligence and expertise.

CONTACT PERSON AT THE DEPARTMENT

Prof. Roberto Trinchero

roberto.trinchero@unito.it