

## SYLLABUS DEL CORSO

### Statistica Sociale

2122-1-003P001005

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#### Learning objectives

##### *Knowledge and understanding*

- Statistical-psychometric key concepts and terminology
- Criteria for assessment tests in behavioural analysis
- Epidemiological data for profiles linked to socio-demographic variables
- Time change in assessment

##### \*Ability in applying knowledge and understanding

- Applying Statistical-psychometric methods to behavioural analysis
- Employing epidemiological results in identifying understanding confounding variables and norms
- Deficits evaluation in time, even relating to rehabilitative interventions

#### Contents

##### •Module 1

##### • Review of basilar statistical concepts

- Normative data and related psychometrics properties

##### Module 2

##### • Introduction to single case in neuropsychology and clinical psychology

##### • Principles of latent class modelling

- Ethical issues surrounding quantitative methods\*

Soft skill: Introduction to user-friendly statistical software

## **Textbooks and Reading Materials**

Learning materials are available on the course elearning page

Further references available online, university library:

- Maroof, D. A. (2012). *Statistical methods in neuropsychology: Common procedures made comprehensible*. Springer Science & Business Media.
- Mitrushina, M., Boone, K. B., Razani, J., & D'Elia, L. F. (2005). *Handbook of normative data for neuropsychological assessment*. Oxford University Press.
- Giromini, L., Ales, F., De Campora, G., Zennaro, A., & Pignolo, C. (2017). Developing age and gender adjusted normative reference values for the Difficulties in Emotion Regulation Scale (DERS). *Journal of Psychopathology and Behavioral Assessment*, 39(4), 705-714.
- Crawford, J. R., & Garthwaite, P. H. (2012). Single-case research in neuropsychology: a comparison of five forms of t-test for comparing a case to controls. *cortex*, 48(8), 1009-1016.

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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