**Course title:** Research Design for the Education  

**Course year:** 1, XXXII  

**Semester:** 2°  

**Course Code:** 15110E  

**Scientific sector:** M-PSI/01, M-PED/01, M-PED/03, SPS/07, SPS/08, SECS-S/05, M-DEA/01, L-ART/07  

**Lecturer:** Prof. Demis Basso  

**Module:** Yes  

**Lecturer other module:** Prof. Dr. Walter August Lorenz, Prof. Dr. Susanne Ursula Elsen, Prof. Nicola Lupoli, Prof. Dr. Dr. Edwin Georg Keiner, Prof. Dr. aggr. Monica Adriana Parricchi, prof. aggr. Ilaria Riccioni, Prof. Dr. phil. Dr. habil. Ulrike Marion Stadler-Altmann, prof. Dario Ianes, prof. Dorothy Louise Zinn, Prof. Franz Comploi, prof. Giulia Cavrini, prof. Silvia Nicoletta Fargion, prof. Liliana Dozza, prof. Demis Basso  

**Credit Points of the module:** 30  

**Total lecturing hours:** 6  

**Total Hours of availability for students and tutoring:** from Monday to Friday on request  

**Attendance:** according to the regulations  

**Teaching Language:** English  

**Propedeutic course:** none  

**Course description:**  

**Specific educational objectives:** The course will provide general knowledge on how to create a feasible research design, in order to be able to analyze data through reliable statistical methods.  

**List of topics covered:** Creation and evaluation of research hypotheses; research design; methods and strategies for data collection; reliability and validity.  

**Teaching format:** Frontal lectures  

**Learning outcomes:** Knowledge and understanding  

Students are expected to understand the relationship between design methods and statistical analysis.  

Applying knowledge and understanding
Students are expected to formulate reliable hypotheses, and to create research design able to verify them.

**Making judgments**
Students will respect and use critical and creative thinking, skeptical inquiry, and the scientific approach to create their research projects.

**Communication skills**
Through the explanation of what a research design is, students will increase the likelihood to describe in a clear manner their research project when needed.

**Learning skills**
none.

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<th>Assessment:</th>
<th>Logbook, study- and research plan, oral presentation</th>
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| **Supplementary readings:** | }