

PhD General Pedagogy - 2017

Course title:	Research Design for the Education
Course year:	1
Semester:	
Course Code:	15110E
Scientific sector:	interdisciplinary
Lecturer:	Prof. Dario Ianes, Prof. Demis Basso, Dr. Heidrun Demo
Module:	Methodological courses and seminars 1 st study year
Credit Points of the module:	30
Total lecturing hours:	7+7+7
Total Hours of availability for students and tutoring:	
Office hours:	from Monday to Friday on request
Attendance:	according to the regulations
Teaching Language:	English-German-Italian
Propaedeutic course:	
Course description:	
Specific educational objectives:	The course is designed for acquiring professional skills and knowledge in designing effective and reliable research projects in the educational field.
List of topics covered:	<ul style="list-style-type: none"> - types of research designs (e.g.: case studies, action-research, group comparison, correlation, association of variables) in the educational field; - effective presentation of data; - use of peer reviews; - criteria for publication of scientific papers.
Teaching format:	Participative lectures and discussion on concrete examples of research products
Learning outcomes:	<p>Knowledge and understanding Students will demonstrate familiarity with the major categories of research designs (e.g.: case studies, action-research, group comparison, correlation, association of variables). They are expected to enhance their understanding of how a paper/essay/research project could be obtained from an idea and published into the scientific community.</p> <p>Applying knowledge and understanding Students will develop insight into effective strategies in order to create their own research design.</p> <p>Making judgments Students will be able to critically read research products (such as projects, articles, papers, presentations,..) and evaluate their reliability.</p> <p>Communication skills Students will be able to communicate empirical and theoretical information, when generating knowledge or</p>

	<p>when using knowledge in scientific and multilingual environments.</p> <p>Learning skills Students will learn to use the skills learnt in the past, in order to apply them to investigate their knowledge field.</p>
Assessment:	The oral exam will consist in a discussion on concrete examples of research products, aimed at determining their strengths and weaknesses, and to propose methodological improvements. The language used in the oral exam will be English.
Evaluation criteria and criteria for awarding marks:	Ability to evaluate and critically argue either for or against scientific products; ability to focus answers on the topic; critical analysis skills.
Required readings:	Research examples will be provided during the course. Students will be asked to read them in advance
Supplementary readings:	Beins, B.C. & Beins, A.M. (2012). <i>Effective writing in psychology: papers, posters, and presentations</i> . Malden, MA: Blackwell Pub. Available as online e-book in unibz library.