



EXPERIMENTAL PEDAGOGY

Enrollment year	2013/2014
Academic year	2015/2016
Regulations	DM270
Academic discipline	M-PED/04 (EXPERIMENTAL PEDAGOGY)
Department	DEPARTMENT OF BRAIN AND BEHAVIORAL SCIENCES
Course	PSYCHOLOGICAL SCIENCES
Curriculum	PERCORSO COMUNE
Year of study	3°
Period	1st semester (21/09/2015 - 27/11/2015)
ECTS	6
Lesson hours	36 lesson hours
Language	ITALIAN
Activity type	ORAL TEST
Teacher	BONDIOLI BETTINELLI ANNAMARIA (titolare) - 6 ECTS
Prerequisites	None
Learning outcomes	<p>The class is designed to provide students with the epistemological premises and the deontological framework of pedagogical research; it also aims at illustrating the peculiar problems, methods and instruments of empirical pedagogical research, with specific reference to the experimental approach.</p>
Course contents	<p>Title: Experimental investigation and research theory in the field of education.</p> <p>The class in experimental pedagogy, which is structured as a general survey, will present the epistemological assumptions of pedagogical research and the main typologies of investigation implemented to study pedagogical phenomena. Through the reading of key passages of Dewey's <i>How we think</i> and <i>Logic</i> we will define precisely the premises</p>

of a research method that, starting from experience and passing through the problem's assessment, the formulation of hypothesis and their experimental verification, comes to an elucidation of the initial situation and to the elaboration of new knowledge. Against this conceptual background we will then present the methods and the designs applied to research in experimental pedagogy. The last part of the course will specifically deal with observation procedures in educational research.

Teaching methods

Lectures

Reccomended or required readings

A. Bondioli, Fare ricerca nella scuola: problemi e metodologie, in M. Ferrari (a cura di), Insegnare riflettendo, Milano, Angeli.
J. Dewey, Come pensiamo, Firenze, la Nuova Italia, capp. V e VII
L. Calonghi, I disegni sperimentali nella ricerca scolastica, in E. Becchi, B. Vertecchi (a cura di), Manuale critico della sperimentazione e della ricerca educativa, Milano, Angeli
E. Becchi, Sperimentare nella scuola. Storia, problemi, prospettive, Scandicci, La Nuova Italia (cap. X Misurazione e programmazione dell'esperimento nella ricerca pedagogica statunitense)
E. Becchi, Disegni sperimentali e esperienze controllate, in M. Maviglia (a cura di), La sperimentazione nella scuola dell'infanzia, Bergamo Junior
K. Lewin, Esperimenti nel campo sociali, in I conflitti sociali, Milano, Angeli (optional)
A. Bondioli, D. Savio (a cura di), La valutazione di contesto nei servizi per l'infanzia italiani, Edizioni Junior Spaggiari (optional)

Lucidi presentati a lezione:
Dattiloscritto 1: Dewey
Dattiloscritto 2: Disegni sperimentali

Assessment methods

There will be a written exam (open ended questions). Exams' topics will focus on:

- J. Dewey's inquiry theory
- Experimental research methods in educational domains

Further information

There will be a written exam (open ended questions). Exams' topics will focus on:

- J. Dewey's inquiry theory
- Experimental research methods in educational domains

Sustainable development goals - Agenda 2030

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