

Course Unit	Research Methodology and Techniques Applied to Project		Field of study	Project work	
	Postgraduation Diploma in Special Education: Emotion and Personality Domain		School	School of Education	
Academic Year	2017/2018	Year of study	1	Level	ECTS credits 5.0
Type	Annual	Semester	-	Code	5029-458-1006-00-17
Workload (hours)	135	Contact hours	T -	TP 40	PL -
			TC -	S -	E -
			OT -	O -	

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Graça Margarida Medeiros Teixeira e Santos, Sofia Marisa Alves Bergano

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Reflect on the processes of construction of scientific knowledge;
2. Know how to contrast the characteristics of the main Educational Research paradigms;
3. Demonstrate research skills;
4. Make a critical reading regarding scientific production in the field of education.

Prerequisites

Before the course unit the learner is expected to be able to:
Not applicable.

Course contents

1. Construction of Knowledge in Education. 2. Ethics of Research in Education. 3. The main Educational Research paradigms. 4. Treatment of information collected.

Course contents (extended version)

1. 1. Construction of Knowledge in Education.
 - The concept of Educational Research.
 - Epistemological issues of Research in Education.
2. Ethics of Research in Education.
3. The main Educational Research paradigms.
 - The quantitative research.
 - Main stages of the research process.
 - Validity Research, its fundamentals and criteria.
 - Experimental schemes, quasi-experimental and non-experimental.
 - Qualitative research as a methodological option.
 - The objectives of qualitative research.
 - Main stages of the research process.
 - Research designs.
4. Treatment of information collected.
 - Statistical analysis of the data.
 - Content analysis.
 - Critical discourse analysis.

Recommended reading

1. Bardin, L. (2004). *Análise de Conteúdo (terceira edição)*. Lisboa: edições 70.
2. Denzin, N. & Lincoln, Y. (Eds.) (2005). *The Sage Handbook of Qualitative Research (third edition)*. London: Sage Publications.
3. Seidman, I. (2005). *Interviewing as Qualitative Research: a guide for researchers in education and the social sciences, (third edition)*. New York: Teachers College Press.
4. Stake, R. (2007). *A Arte da Investigação com Estudos de Caso*. Lisboa: Fundação Calouste Gulbenkian.
5. Vilelas, J. (2009). *Investigação – O Processo de Construção do Conhecimento*. Lisboa: Edições Sílabo.

Teaching and learning methods

1. Exposure. 2. Discussion. 3. Resolution of worksheets.

Assessment methods

1. Continuous evaluation: - (Regular, Student Worker) (Final)
 - Intermediate Written Test - 100% (Final written test , addressed to the skills and program content.)
2. Resource and special evaluation: - (Regular, Student Worker) (Supplementary, Special)
 - Final Written Exam - 100% (Written exam covering all the contents addressed.)

Language of instruction

Portuguese

Electronic validation

Graça Margarida Medeiros Teixeira e Santos, Sofia Marisa Alves Bergano	Sofia Marisa Alves Bergano	Paula Marisa Fortunato Vaz	António Francisco Ribeiro Alves
29-09-2017	29-09-2017	10-10-2017	11-10-2017