INSTITUTO POLITÉCNICO DE BRAGANÇA

Course Unit	-
Master in	Pre-school and Primary School Teacher Education

Field of study	-
School	School of Education

Academic Year	2023/2024	Year of study	1

Level	2-1	ECTS credits	6.0

Type	Semestral	Semester	2

Code	5050-765-1205-00-23

Workload (hours)	162	Contact hours	T	-	TP	39	PL	-	TC	-	S	-	E	-	OT	15	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)	Carla Alexandra F. Espírito Santo Guerreiro, Cristina Maria Mesquita Gomes, Maria Cristina do Espírito Santo Martins, Maria José Afonso Magalhães Rodrigues

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:
1. Planning integrative projects for Preschool Education.
2. Cooperate and organize teaching-learning situations.
3. Analyze and design didactic experiences of personal development and to explore the natural and social environment.
4. Understand the different forms of expression and communication as a means of interaction with the world.
5. Recognize and using the different content areas to understand and interpret the world.

Prerequisites

Before the course unit the learner is expected to be able to:
No prerequisites.

Course contents

1. Pedagogical and integrative projects in early childhood education. 2. Exploitation of the natural and social environment. 3. Design projects involving different forms of expression and communication. 4. Knowledge and intervention in the world.

Course contents (extended version)

1. Pedagogical and integrative projects in early childhood education:
    - Structure and phases of project work;
    - Analysis and case studies;
    - Planning and design of integrators educational projects.
2. Exploitation of the natural and social environment:
    - Experiments with water, soil, air, etc. ;
    - Exploiting activities: sorting, classification and relationships between objects;
    - Sensory experiences;
    - The use of narrative: reading the world.
3. Design projects involving different forms of expression and communication:
    - Development of oral communication skills (phonological, syntactic and semantic);
    - Body language, sound, image and movement;
    - Processes of artistic creation in the construction of sound and visual landscapes;
    - Communication through verbal language, written representation and mathematics.
4. Knowledge and intervention in the world:
    - People, places and ways of life;
    - The Science-Society-Technology-Environment perspective for interpreting the world;
    - Exploiting processes of artistic appreciation.

Recommended reading

1. Fernandes, I. , Pires, D. , & Delgado-Iglesias, J. (2017). Ciência-Tecnologia-Sociedade-Ambiente nos documentos curriculares portugueses de ciências. Revista Cadernos de Pesquisa, 47 (165), 998-1015.
2. Godinho, J. , & Brito, M. (2010). As artes no jardim de infância. Textos de apoio para educadores de infância. DGIDC-Ministério da Educação.
3. National Council of Teachers of Mathematics. (2014). Principles to actions: Ensuring mathematical success for all. NCTM.
4. Pereira, S. (2012). Educação em ciências em contexto pré-escolar - Estratégias didáticas para o desenvolvimento de competências. [Tese de Doutoramento não publicada]. Universidade de Aveiro.
5. Sim-Sim, I. , Silva, A. C. , & Nunes, C. (2008). Linguagem e comunicação no jardim-de-infância. Textos de apoio para educadores de infância. DGIDC-Ministério da Educação.

Teaching and learning methods

1. Project work. 2. Group work and argumentative discussion. 3. Individual reflection on themes and issues arising from learning experiments. 4. Problem solving.

Assessment methods

1. Continuous assessment - (Regular, Student Worker) (Final)
    - Projects - 50% (Conception/Planning of an integrative pedagogical project in early childhood education.)
    - Presentations - 50% (Oral presentation, discussion and reflection of the integrative pedagogical project conceived.)
2. Assessment by examination - (Regular, Student Worker) (Supplementary, Special)
    - Work Discussion - 100% (Improvement of the project in childhood education (continuous evaluation). Discussion of improvement)

Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation			
Carla Alexandra F. Espírito Santo Guerreiro, Cristina Maria Mesquita Gomes, Maria Cristina do Espírito Santo Martins, Maria José Afonso Magalhães Rodrigues	Maria do Céu Ribeiro	Ilda da Purificação Freire Ribeiro	Carlos Manuel Costa Teixeira
02-01-2024	02-01-2024	14-01-2024	14-01-2024

Electronic validation			
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