

Course Unit	Option I - Education Methodology and Strategies		Field of study	-	
Master in	Environmental Education		School	School of Education	
Academic Year	2022/2023	Year of study	1	Level	2-1
Type	Semestral	Semester	1	ECTS credits	5.0
Code	6083-766-1104-01-22				
Workload (hours)	135	Contact hours	T -	TP 27	PL -
			TC -	S -	E -
			OT 18	O 45	

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) Paulo Miguel Mafra Gonçalves

Learning outcomes and competences

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

1. Recognizing the limitations / constraints for the development of environmental education actions.
2. To characterize different types of communication.
3. Understand the impact that the type of communication as on the development of environmental education actions.
4. Recognize the importance of conflict management and group dynamics in the success of environmental education actions.
5. Classify, select and implement active educational methodologies that promote critical questioning and mobilize changes in attitudes and behaviors.
6. Develop environmental education activities on various issues and appropriate to different contexts and audiences.
7. Define the environmental educator's skills profile.
8. Conceptualize environmental education in its social and ethical project dimension.

Prerequisites

Before the course unit the learner is expected to be able to:
Prerequisites are not required.

Course contents

1. The importance of communication in environmental education actions; 2. Educational methods; 3. Development of environmental education actions; 4. The profile and skills of environmental educators.

Course contents (extended version)

1. The importance of communication in the environmental education actions
 - Communication and motivation process
 - Styles and communication techniques
 - Communication and conflict management
 - The animation groups
2. Educational methods
 - Presentation methods; interaction; autonomous investigation or research
 - Regarding the domain to be developed: Methods that promote learning, affective, psychomotor domain
3. Development of Environmental Education actions
 - Implementation of Environmental Education actions aimed at diverse audiences
 - Assessment and impact of Environmental Education actions
4. The profile and skills of the environmental educator
 - Technical training in the environment
 - Pedagogical training
 - Environmental Education as a social construction project

Recommended reading

1. AIDGLOBAL - Acção e Integração para o Desenvolvimento Global. (2015). Manual de Educação para a Cidadania Global: uma proposta de articulação para o 2º Ciclo do Ensino Básico. Lisboa: AIDGLOBAL.
2. Bainer, D. L. , Cantrell, D. & Barron, P. (2010) Professional Development of Nonformal Environmental Educators Through School-based Partnerships. The Journal of Environmental Education, 32(1), 36-45.
3. May, T. S. (2010) Elements of Success in Environmental Education Through Practitioner Eyes. The Journal of Environmental Education, 31(3), 4-11.
4. Schmidt, L. , Nave, J. G. , & Guerra, J. (2006). Autarquias e Desenvolvimento. Sustentável – Agenda 21 Local e novas Estratégias Ambientais. Porto: Fronteira do Caos.
5. Tristão, M. (2002). As dimensões e os desafios da educação ambiental na sociedade do conhecimento. In Rusheinsky, A. (org.). Educação ambiental: abordagens múltiplas. Porto Alegre: Artmed.

Teaching and learning methods

Active and participatory methodologies are used that value the active role of the student. In theoretical-practical classes, content will be covered based on situations experienced by students in practical activities and in their daily lives. Group activities will be carried out, with the discussion of some proposed themes and Environmental Education activities aimed at diverse audiences.

Assessment methods

1. Continuous evaluation - (Regular, Student Worker) (Final)
 - Intermediate Written Test - 50% (Written test)
 - Development Topics - 50% (Discussion of papers. Planning an activity in environmental education)
2. Assessment by examination - (Regular, Student Worker) (Supplementary, Special)
 - Final Written Exam - 50% (Written test on the taught contents)
 - Development Topics - 50% (Discussion of work and planning of environmental education activities (continuous assessment).)

Language of instruction

Portuguese

Electronic validation

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05-09-2023	05-09-2023	05-09-2023	05-09-2023