

Course Unit	Environmental Education Methodologies 1	Field of study	-
Bachelor in	Environmental Education	School	School of Education
Academic Year	2023/2024	Year of study	3
Type	Semestral	Semester	1
Level	1-3	ECTS credits	4.0
Code	9082-768-3106-00-23		
Workload (hours)	108	Contact hours	T - , TP 36, PL - , TC - , S - , E - , OT 9, 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) Maria Conceição Costa Martins, 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. Develop environmental education activities on various issues and appropriate to different contexts and audiences
6. Set the skills profile of the environmental educators
7. Conceptualise environmental education in its dimension of social and ethical project

### 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 the environmental education actions; 2. Development of environmental education actions; 3. 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. Development of environmental education actions
  - Implementation of environmental education activities aimed at different audiences
  - Evaluation and impact of the environmental education actions
3. The profile and skills of environmental educators
  - Technical training environment
  - Teacher training
  - Environmental education as a project of social construction

### 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

Theoretical-practical sessions starting from situations experienced by students in practical activities and in their day to day. Discussion of some proposed topics in small groups, presented to the class. Planning and implementation of 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

Maria Conceicao Costa Martins, Paulo Miguel Mafra Gonçalves	Adorinda Maria Rodrigues Pereira S. Gonçalves	Adorinda Maria Rodrigues Pereira S. Gonçalves	Carlos Manuel Costa Teixeira
14-02-2024	14-02-2024	14-02-2024	18-02-2024