

Course Unit	Environmental Education		Field of study	Educational Sciences	
Bachelor in	Social Education		School	School of Education	
Academic Year	2023/2024	Year of study	2	Level	1-2
Type	Semestral	Semester	1	ECTS credits	4.0
Code	9084-628-2102-00-23				
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) Paulo Miguel Mafra Gonçalves

### Learning outcomes and competences

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

1. Recognize the role of man as an ecosystems modifier.
2. Knowing the importance of environmental quality for emotional balance and well being of the individual.
3. Understand the implications of natural resources plundering.
4. Understand the importance of individual behaviour on environment issues.
5. Designing and planning environmental education activities with diverse audiences.
6. Promote and implement environmental sustainability projects in social institutions.

### Prerequisites

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

### Course contents

1. The environmental issue in contemporary world: Environment and development; 2. Evolution of Environmental Education in Portugal and in the World; 3. Attitudes and behaviours towards the environment: the citizen's role; 4. Preventive measures for major environmental problems

### Course contents (extended version)

1. The environmental issue in the contemporary world: Environment and Development
  - The environment: systemic approach
  - The value of natural resources in support of human life and emotional balance
  - Sustainable development: evolution, applications and limitations of the concept
2. Evolution of Environmental Education in Portugal and in the World
  - Guiding principles, goals and objectives of environmental education
  - Environmental education in formal contexts
  - Informal practices of Environmental Education
3. Attitudes and behaviours towards the environment: the citizen's role
  - Perceptions, attitudes and behaviors
  - Activities and environmental education projects in various contexts
4. Preventive measures for major environmental problems
  - Major environmental problems
  - Sustainable Consumption
  - The national state role
  - The society organization

### Recommended reading

1. Caride, J. A. , e Meira, P. A. (2004). Educação Ambiental e Desenvolvimento Humano. Instituto Piaget.
2. Monroe, M. C. , e Krasny, M. E. (Ed. ) (2013). Across the Spectrum: Resources for Environmental Educators. North American Association for Environmental Education.
3. Gore, A. (2009). A Terra em Equilíbrio - A Ecologia e o Espírito Humano. Editora Estrela Polar.
4. Schmidt, L. , Guerra, J. e Nave, J. (2010). Educação Ambiental. Balanço e perspectivas para uma agenda mais sustentável. Imprensa de Ciências Sociais. 224p.
5. Moreno, M. e Mafra, P. (2020). Do Antropocentrismo ao Ecocentrismo: O Projeto Rios na Mudança de Atitudes Ambientais. Brazilian Journal of Education, Technology and Society (BRAJETS). v. 13, n. 1, p. 66-78

### Teaching and learning methods

Theoretical-practical classes: subjects posed by the teacher, with discussion by the students of the presented themes. Planning of Environmental Education activities for diversified audiences under tutorship orientation: Planning and execution in real contexts.

### Assessment methods

1. Alternative 1: Rating by Frequency - (Regular, Student Worker) (Final)
  - Intermediate Written Test - 60% (Comprehensive test on all the subjects taught.)
  - Practical Work - 40% (Implementation of an environmental education activity. Presentation and discussion of results.)
2. Alternative 2: Rating by Exam - (Regular, Student Worker) (Supplementary, Special)
  - Final Written Exam - 60% (Final written with all the contents of the discipline.)
  - Practical Work - 40% (Corresponding to the evaluation of the practical component conducted during class.)

### Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation			
Paulo Miguel Mafra Gonçalves	Adorinda Maria Rodrigues Pereira S. Gonçalves	Maria do Céu Ribeiro	Carlos Manuel Costa Teixeira
14-02-2024	14-02-2024	18-02-2024	18-02-2024

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