

Course Unit	Education in non-formal settings		Field of study	Educational Sciences	
Bachelor in	Environmental Education		School	School of Education	
Academic Year	2021/2022	Year of study	3	Level	1-3
Type	Semestral	Semester	1	ECTS credits	5.0
Workload (hours)		135	Contact hours	T - TP 18 PL - TC 27 S - E - OT 9 O -	
Code: 9082-620-3103-00-21					

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. Understand the concept of environmental education in a non-formal context;
2. Identify non-formal education institutions that promote environmental education and regional development: associations, NGOs, municipalities, among others;
3. To recognize the natural spaces as privileged stage for the accomplishment of activities of exploration and interpretation of the nature;
4. Recognize the interpretation of nature as an environmental education strategy;
5. Mastering basic theoretical and practical concepts for planning and marking of hiking;
6. Plan environmental education actions in non-formal contexts, especially planning and organization of walking routes, among others.

Prerequisites

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

Course contents

1. Environmental education in a non-formal context; 2. Institutions of non-formal education that promote environmental education and regional development; 3. Nature as a privileged space for carrying out activities of exploration and interpretation of nature; 4. Basic theoretical-practical concepts for the planning, marking and execution of pedestrian routes; 5. Planning actions of environmental education in non-formal contexts: planning and organization routes, among others.

Course contents (extended version)

1. Educação ambiental em contexto não formal.
2. Non-formal education institutions that promote environmental education and regional development.
3. Nature as a privileged space for carrying out activities of exploration of nature;
 - The interpretation of nature as an environmental education strategy;
 - Privileged natural spaces for the development of environmental education actions.
4. Basic theoretical-practical concepts for the planning, marking and execution of pedestrian routes.
 - Trekking: definition and characterization
 - Classification of walking paths.
 - The marking of routes: marks, panels and signs
 - Impacts of marking on the environment.
 - Organization, planning and carrying out of walking routes.
 - Process of homologation of a pedestrian route.
 - Cartography: reading and orientation, letter / terrain connection, orientation tools.
 - The use of GPS in marking and executing interpretive walking routes.
 - The Practitioner: behavior in the incidents and accidents, what to carry in the backpack
 - The activity: safety and equipment.
5. Planning environmental education actions in non-formal contexts: walking routes, among others.

Recommended reading

1. Fávero, O. (2007). Educação não-formal: contextos, percursos e sujeitos. Educação & Sociedade, 28(99), 614-617.
2. FCMP- Federação de Campismo e Montanhismo de Portugal (2007). Manual de Monitores de Pedestrianismo. Edic. de Ar Livre e Ambiente, Lda.
3. Fraga, A. (2005). Manual para o investidor em Turismo de Natureza. Bensafirim: Vicentina- Associação.
4. Braga, T. (2007). Pedestrianismo e Percursos Pedestres. Pico da Pedra, Açores: Amigos dos Açores-Associação Ecológica
5. Cuiça, P. (2015). Passo a passo - manual de caminhada e trekking. A Esfera dos Livros

Teaching and learning methods

The curricular unit has a strong practical and interactive component. The planning of environmental education activities is encouraged, with an appreciation of nature exploration activities and a strong interpretive component. Field trips will be carried out and will be held focused on interpretative methodologies of nature and planning techniques on execution of footpaths.

Assessment methods

1. Continuous assessment - 100% - (Regular, Student Worker) (Final)
 - Intermediate Written Test - 50% (written test)
 - Practical Work - 50% (Group work)
2. Exam - 100% - (Regular, Student Worker) (Final, Supplementary, Special)
 - Final Written Exam - 50% (written test)
 - Practical Work - 50% (Group work (carried out during the continuous assessment))

Language of instruction

Portuguese

Electronic validation

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29-10-2021	29-10-2021	05-11-2021	24-11-2021