School of Agriculture
Course Unit Syllabus

Level of qualification:
Short cycle (TESP)
Study cycle:
Environmental Protection Systems

Course Unit: **223504** – **Assessment and Environmental Education**

Year 1 **Semester 1** **ISCED Code: 712** **ECTS: 3,0**

Tipe of Course Unit: Compulsory **Delivery Mode:** Face-to-face **Language of Instruction:** Portuguese

COURSE COORDINATOR: Anabela Cândida Ramalho Durão

HOURS OF WORK

TOTAL HOURS	Contact Hours								Hours in autonomous work
	Theory	Theory and practice	Practical and laboratory work	Field work	Seminar	Internship	Tutorial guidance	Other	
75		**30**							**45**

Prerequisites (if applicable): Not applicable

LEARNING OUTCOMES (knowledge, skills and competence)

To understand the interdependence between the problems that affect the space, the relations and the Environment; To recognize current environmental problems; to know the various territory management tools and understand its purposes; To know the main concepts of Environmental Impact Assessment; to identify the impacts of different activities on the environment; To know and classify the types of impacts; To learn concepts and objectives of public participation. To know the rights of information and participation in the national, European and international framework. to iIdentify procedures for information and public participation; Design and plan tasks in the different areas of intervention (water / waste / air / soil) that allow the development of activities that promote environmental awareness, change of attitudes and behavior towards the environment; Discuss arguments to support positions for the exercise of active citizenship.

CONTENTS

1. Introduction to environmental problems:

2. Territorial management planning and tools:

Territorial management instruments: Various types and management plans in Portugal

Law of the Environment, RAN, REN, Natura Network, National Network of Protected Areas, Public domain

water, etc.

3. Environmental Impact Assessment:

Legal framework of the Environmental Impact Assessment;

Identification of impacts resulting from different activities;

Classification of impacts and mitigation measures.

4. Awareness and Public Participation:

Concepts, techniques and methodologies of public participation;

Social responsibility in the protection of the environment.

5. Environmental Education:

Concept of sustainable development;

Methodologies and techniques of environmental awareness

DEMONSTRATION OF THE CONTENTS COHERENCE WITH THE COURSE UNIT'S LEARNING OUTCOMES

n this course, students are expected to understand the interdependence between the problems affecting space, Human and the Environment, as well as knowing the territorial management instruments, the impacts resulting from various activities and the importance of public participation in the processes of making and discuss arguments to support positions and options for the exercise of conscious and informed citizenship. The program contents were selected with this objective in mind, addressing the theoretical and practical issues for the Environmental Assessment and Impact (EIA) procedures.

TEACHING METHODOLOGIES

Expositive, participatory methods and group work with case study.

DEMONSTRATION OF THE COHERENCE BETWEEN THE TEACHING METHODOLOGIES AND THE LEARNING OUTCOMES

The expository methodology will be used for the fundamental concepts of Environmental Assessment and Impact; the participative methodology that requires an interactive exposition with the students for the current problems and the reflexes in the environment; The accomplishment of group work, to identify the typology of impacts and descriptors associated with the different activities, for case study, thus allowing, to reach the objectives of this courset.

EVALUATION METHODS

.1- Continuous assessment - frequencies and practical work

Assessment by exam and group work

The final grade will be calculated based on the following equation for continuous assessment:

NF = 0.4 * Mean of PW + 0.6 F1

Or for examination evaluation:

NF = 0.4 * Mean of PW + 0.6 E

Where:

PW- Practical work

F - Frequency

E - Exam

MAIN BIBLIOGRAPHY

Some elements of study will be available on the course e-learning page (Moodle)

Partidário, M. R. & Jesus, J. (1999). Avaliação do Impacte Ambiental – conceitos procedimentos e aplicações (reimpressão de 1994). GEPGA, Lisboa

Partidário, M. R. & Jesus, J. (2003). Fundamentos da Avaliação de Impacte Ambiental. Universidade Aberta, Lisboa

Partidário, M. R. (2003). Guia para Avaliação Estratégica de Impactes em Ordenamento do Território. Colecção Estudos 9. DGOTDU.

Durão, A., Viegas-Piteira, A., & Morais, M.M. (2012). Participação de actores sociais na gestão de bacias hidrográficas: Estudo de caso da bacia do rio Ardila. In ATAS do VII Congresso Português de Sociologia: Sociedade Crise e Reconfiguração. APS. ISBN: 978-989-97981-0-6.

Freire, P. (2000) Pedagogia da indignação. Cartas pedagógicas e outros escritos. Editora UNESP. São Paulo

Jacobi, P.(2003). Educação ambiental cidadania e sustentabilidade. Cadernos de Pesquisa 118.

Legislation:http://www.ambiente.pt

Year of implementation: 2016/2017 | Date of approval by the Technical-Scientific Board: