

Code: 1399 Management and Conservation of Terrestrial Fauna**Degree:** 2nd cycle – Natural Resources Management and Conservation**Curricular Year:** 1st**Semester Course:** 2nd**Credits:** 6 ECTS**Compulsory****Language:** Portuguese/English**Responsible:** António Paulo Pereira de Mira**Other lecturer(s):** João E. Rabaça and Paulo Alexandre Sá Sousa**Web Site:** <http://www.isa.utl.pt/home/node/3874>**1. Contact hours:****Lectures 14 Praticals/Laboratory 24 Praticals/Workfield 10 Others 1 Total 49****2. Objectives:**

i) to know the general aspects of the biology, diagnose and distribution of the Portuguese terrestrial vertebrate species;

ii) to know the diversity of the Portuguese fauna and the adaptations to particular environments;

iii) to identify the main problems related to the conservation of the Portuguese fauna;

iv) to understand principles concerning the management of the terrestrial fauna. It is expected that students will develop their English skills in what concerns the study of terrestrial vertebrates. Students will be encouraged to present the results of their work in the form of reports (oral and printed) and interact with the other students in debates and use regularly the University of Évora e-learning platform (Moodle).

3. Programme:

1. Zoogeography and climatology, particularities of the Iberian fauna, factors contributing to the diversity of the Portuguese fauna.
2. Identification and distribution of the species occurring in Portugal (amphibian, reptiles, birds and mammals).
3. Management of habitats for conservation. Arguments for the conservation, relevant population characteristics and processes, legal instruments for the conservation of the Portuguese fauna, UICN conservation status.
4. Fauna management. Directives for the assessment of "Priority Areas for Fauna Conservation"

4. Bibliography:

Cabral M.J. (2005), Almeida J., Almeida P.R., Dellinger T., Ferrand de Almeida N., Oliveira M.E., Palmeirim J.M., Queiroz A.I., Rogado L. and Santos-Reis M. (eds.). Livro Vermelho dos Vertebrados de Portugal. Instituto da Conservação da Natureza, Lisboa.

Caetano, P. & Ferreira, J.P (2003). Ibéria Selvagem. Má Criação, 231 pp.

IUCN (2003) Guidelines for Using the IUCN Red List Categories and Criteria (2003). Documento não publicado da União Internacional para a Conservação da Natureza.

Blondel, J & J. Aronson (1999). Biology and Wildlife of the Mediterranean Region. Oxford Univ. Press, Oxford, 328 pp.

5. Assessment:

Theoretical classes and practical classes. A field trip to observe the animals in their natural environments

Written exam (50%);

Practical classes: a report each (40%);

Field trip report (10%).

6. Estimated Workload:

162	Hours
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7. Last Update:

9/8/2010
