

ROYAL AGRICULTURAL UNIVERSITY MODULAR SCHEME

<i>Sheet updated:08/06/2016</i>		
Module Code CMCCB	Module Title 2: Conservation Biology	Module Leader Evangelos Achilleos
School which owns module	School of Agriculture, Food and Environment	
Programme(s) to which module belongs	FdSc in Animal Management and Zoology	
Module Level 5	Module Credits 10	Pre-Requisites None
Minimum Study Time 100	Contact Hours within Study Time 30	Teaching Period Feb-May
Module Content Student will understand national and international legislation and investigate the sustainability of species populations, behavioural ecology, habitat conservation and management, <i>in-situ</i> and <i>ex-situ</i> conservation and the role of the modern and future zoos in coordinating outcome based conservation projects helping to save vulnerable species from extinction. Students will carry out practical impact assessments of national and international conservation projects.		
Module Outcomes To achieve credit for this module, students must be able to: <ol style="list-style-type: none"> 1. Critically review the challenges associated with conservation 2. Evaluate the effectiveness of <i>in-situ</i> and <i>ex-situ</i> conservation practices in association to zoos at a national and international level 3. Justify the importance of education with regards to conservation 4. Explain the purpose of the general legislative framework governing the conservation of zoo species 		
Assessment	Description	Weighting

Coursework	Presentation on challenges on the conservation of an endangered (10 minutes) (L.O 1,2,3,4)	30%
	Written assessment on evaluating the conservation practices of an endangered species at a national and international level and comparing the efforts undertaken by two different zoos. (2,500 words) (L.O.1,2)	70%

Key Texts:

Students should be familiar with the content of at least one of the following (*delete or amend this statement as appropriate*):

Website

<https://www.worldwildlife.org/>

Books

Best, D.E. and Cooper, J. E. (2004) *BSAVA manual of wildlife casualties* Mullineaux,

Gosden, C. (2004) *Exotics and wildlife: a manual of veterinary nursing care.* (ed)

Ruth. I. (1969) *First aid for wildlife: basic care for birds and mammals* 2nd edition

Hambler, C. and Canney, S.M. (2013) *Conservation.* 2nd edn. Cambridge University Press.

Juniper, T. (2013) *What has nature ever done for us?: how money really does grow on trees.* Profile.

Krausman, P.R. and Leopold, B.D. (2013) *Essential readings in wildlife management and conservation.* Johns Hopkins University Press.

Levin, S.A. (ed.) (2013) *Encyclopedia of biodiversity.* 2nd edn. Elsevier. [Ebook] Available at: <http://www.sciencedirect.com>.

Rotherham, I.D. (2014) *Eco-history: an introduction to biodiversity & conservation.* The White Horse Press.