

Programme Specification MSc (Wild Animal Biology) 2013-14

	University of London
	The Royal Veterinary College (RVC, University of London) and Institute of Zoology (IoZ, Zoological Society of London)
	N/A
	Master of Science (Wild Animal /MCIEB, PGDCA 08 0715 099W4
	Wild Animal Biology
	October 2003
	Annually in September
	One calendar year and Full time
	Annually in September
	2007/2008
	2012/2013
	<p>Entry to the course: A university honours degree (first or upper second class) in biology/zoology with preference being given to those who have worked with wild animals and/or in conservation and have received, inter alia, training in microbiology, parasitology and pathology.</p> <p>Entry to the PG Diploma: Entry to PG Diploma will be open to candidates who have successfully completed the PG Certificate (Wild Animal Biology).</p> <p>Entry to the MSc: To overall score of 7.0 in IELTS with a minimum of 6.5 in each sub-test; or a TOEFL score of at least 93 (internet based test with no element below 23), or 580 (paper based test plus 4.5 in the Test of Written English (TWE)/Essay rating).</p>
	N/A

	D200
	N/A
N/A	
<p>The programme aims to:</p> <ul style="list-style-type: none"> produce graduates equipped to play a leading role in conservation as researchers, epidemiologists, academics and senior management in <i>in-situ</i> conservation programmes, national parks, zoological collections, universities and government departments worldwide produce high-calibre graduates who can proceed to study for higher research degrees 	
<p>A.</p> <ul style="list-style-type: none"> the biological principles underpinning wildlife disease and conservation studies field, conservation and pathological techniques in wild animals conservation biology including population ecology epidemiology, diagnosis, pathology and control of wildlife disease, the ecology of infectious agents in wild animal populations and veterinary interventions in wildlife (including social, welfare, ethical and legal aspects) management and sustainable utilisation of captive and free-living wild animals (including husbandry, breeding and nutrition), and the preventive medicine of captive and free-living wild animals wildlife research methodology 	<p>Students acquire knowledge and understanding through participation in:</p> <ul style="list-style-type: none"> lectures practical classes scientific presentations problem-based learning (PBL) rotation groups organised visits to sites of special interest off campus <p>written examinations</p> <p>coursework (oral and written reports)</p> <p>research (written report and oral defence)</p>

Planning
 Logic and reasoning
 Comprehension
 Visual and auditory processing
 Long-term memory

Students' cognitive skills are developed / reinforced through active participation in:

- lectures
- practical classes
- scientific presentations
- problem-based learning
- PBL
- rotation groups

written examinations
 coursework (oral and written reports)

<p>Basic competence in management techniques for wild animals Scientific skills, including critical review of the scientific literature, and design, execution and analysis of laboratory or field studies</p>	<p>Students learn practical skills through active participation in: rotation groups practical classes individual research project</p> <p>research (written report and oral defence) Competence in Pathological Procedures, Zoo Management and Wild Animal Conservation and Management Check List</p>
<p>communication skills group work skills personal skills interpersonal skills organisational skills teaching and training skills learning skills information gathering and analytical skills problem solving skills language skills information technology skills entrepreneurial skills</p>	<p>regular interaction with course directors, lecturers, peers preparation of scientific presentations PBL population census field work rotation groups / practical classes use of computer software in the preparation of scientific presentations (MS PowerPoint), casebook write-up and research project report (literature searching, MS Word), analysis of field and experimental data (SPSS, MS Excel), group report writing in PBL (WIKKI) planning individual research project</p> <p>written examinations coursework (oral and written reports) research (written report and oral defence) Competence in Pathological Procedures, Zoo Management and Wild Animal Conservation and Management Check List</p>



Module 1. Conservation Biology
Structure: Lectures, Practicals, Scientific Presentations, two PBLs, a visit to Whipsnade Zoo for a census
Requirements: none
Level: Certificate (FEHQ Level 7)
Credits: 15 credits

Module 2. The Impact of Disease on Populations
Structure: Lectures, Practicals, Scientific Presentations and one PBL
Requirements: none
Level: Certificate (FEHQ Level 7)
Credits: 15 credits

Module 3. Health and Welfare of Captive Wild Animals

Credits: 15 credits

Module 4. Interventions

Structure: Lectures, Practicals, Scientific Presentations and one PBL

Level: Certificate (FEHQ Level 7)

Requirements: none

Credits: 15 credits

Awards: Upon satisfactory completion of modules 1, 2, 3 and