

APPLIES TO COHORT COMMENCING 2010

1. Awarding institution	University of London
2. Teaching institution	The Royal Veterinary College (University of London) and Institute of Zoology (Zoological Society of London)
3. Programme accredited by	N/A
4. Final award	Master of Science
5. Programme Title	Wild Animal Biology
6. Date of First Intake	October 2003
7. Frequency of Intake	Annually in September
8. Duration and Mode(s) of Study	One calendar year and Full time
9. Timing of Examination Board meetings	Annually in September
10. Date of Last Quinquennial Review	2007/2008
11. Date of Next Quinquennial Review	2012/2013
12. Entry Requirements	<p><i>Academic requirements:</i> 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, <i>inter alia</i>, training in microbiology, parasitology and pathology.</p> <p><i>Other requirements:</i> Applicants whose first language is not English will be required to take either IELTS (a result of 7.0 required) or TOEFL (93) to provide evidence of proficiency in spoken and written English.</p>
13. UCAS code	N/A
14. JACS Code	D200
15. Relevant QAA subject benchmark group(s)	N/A
16. Reference points	N/A
17. Educational aims of programme	<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

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18. Programme outcomes - the programme offers opportunities for students to achieve and demonstrate the following learning outcomes.	
<p>A. Knowledge and understanding of:</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>Teaching/learning methods: 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>Assessment by:</p> <ul style="list-style-type: none"> • written examinations • coursework (oral and written reports) • research (written report and oral defence)
<p>B. Cognitive (thinking) skills:</p> <ul style="list-style-type: none"> • Planning • Logic and reasoning • Comprehension • Visual and auditory processing • Long-term memory 	<p>Teaching/learning methods: Students' cognitive skills are developed / reinforced through active participation in:</p> <ul style="list-style-type: none"> • lectures • practical classes • assignment presentations • problem-based learning • PBL • rotation groups <p>Assessment by:</p> <ul style="list-style-type: none"> • written examinations • coursework (oral and written reports) • research (written report and oral defence)
<p>C. Practical skills:</p> <ul style="list-style-type: none"> • 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>Teaching/learning methods: Students learn practical skills through active participation in:</p> <ul style="list-style-type: none"> • rotation groups • practical classes • individual research project <p>Assessment:</p> <ul style="list-style-type: none"> • research (written report and oral defence) • Competence in Pathological Procedures, Zoo Management and Wild Animal Conservation and Management Check List

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<p>D.4. Key skills:</p> <ul style="list-style-type: none"> • 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>Teaching/learning methods:</p> <ul style="list-style-type: none"> • 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>Assessment:</p> <ul style="list-style-type: none"> • 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
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19. Programme structures and requirements, levels, modules, credits and awards

<p>Term 1:</p> <p>Teaching Component Module 1. The Foundation Module will include a) an introduction to the RVC and the ZSL and their resources, b) fundamentals of epidemiology, statistics and immunology and c) generic skills. Assessment will be by a written paper and coursework.</p> <p>Practical Component. The Practical Studies will run over the three terms and cover management of captive and free-living wild animals. Assessment will be by coursework and completion of the 'Competence in Pathological Procedures, Zoo Management and Wild Animal Conservation and Management Check List'.</p>	<p>Term 2:</p> <p>Module 3 and Practical Studies continued.</p> <p>Teaching Component Module 4. The Conservation and Health Module will run over terms 2 and 3 and will comprise the following units: Sustainable Utilisation of Wild Animals, Conservation Medicine of Invertebrates, Rehabilitation and Health, Reproductive Management and Welfare of Captive Wild Animals, Nutrition and Nutritional Diseases of Captive Wild Animals. Assessment will be by a written paper and coursework.</p>	<p>Term 3:</p> <p>Practical Studies and module 4 finalised.</p> <p>The Research Component.</p>
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<p>Teaching Component Module 2. The Conservation Biology Module will comprise the following units: Population Ecology, Causes of Extinction, Case Studies in Conservation and Allocation of Conservation Resources. Assessment will be by a written paper and coursework.</p> <p>Teaching Component Module 3. The Ecological Health Module will run over terms 1 and 2 and will comprise the following units: Surveillance of Wild Animal Disease, Ecology of Diseases in Wild Animals, The Disease Risks of Parasite Invasions, Disease Management in Wildlife and Regulation of Hosts by Parasites. Assessment will be by a written paper and coursework.</p>		
<p>20. Work Placement Requirements (BVetMed and FdSc only)</p>	<p>N/A</p>	