**Clinical Training Scholarship and MVetMed Programme Specification Applies to cohort commencing 2015**

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| **1. Awarding institution**  | The Royal Veterinary College  |
| **2. Teaching institution**  | The Royal Veterinary College (University of London)  |
| **3. Programme accredited by**  | N/A  |
| **4. Final award**  | Master of Veterinary Medicine (MVetMed)  |
| **5. Programme Title**  | Senior Clinical Training  |
| **6. Date of First Intake**  | 2008  |
| **7. Frequency of Intake**  | Annually  |
| **8. Duration of Study**  | 3 to 4 full-time calendar years  |
| **9. Timing of Examination Board meetings**  | Annually  |
| **10. Date of Last Periodic Review**  | 2013/14  |
| **11. Date of Next Periodic Review**  | 2019/20 |
| **12. Entry Requirements**  | A veterinary degree registrable with the RCVS and Membership of the RCVS or temporary Membership of the RCVS entitling the applicant to work in the RVC's hospitals. Must normally be a Clinical Training Scholar at the RVC.Completion of an appropriate internship programme or at least 12 months working in a relevant clinical or veterinary pathology environment   Applicants whose first language is not English will be required to provide evidence of proficiency in spoken and written English. They will be required to achieve an overall score of 7.0 in IELTS with a minimum of 6.5 in each sub-test UNLESS • they have completed a qualification equivalent to a UK degree (NQF level 6 or above) from a country on the UK Visas and Immigration’s list of majority English-speaking countries within the two years prior to the proposed date of enrolment OR• they have relevant work experience (minimum eighteen months) conducted in English in a majority English-speaking country/institute completed no more than two years prior to the proposed date of enrolment. This will be assessed on a case-by-case basis and may require an additional English reference. At the time of studying for the MVetMed to be engaged in suitable advanced veterinary work with RVC or another employer.Satisfactory interview performance including psychometric evaluation. |
| **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**  |
| The programme aims to produce graduates able to: * pass the examinations for European or American Veterinary Specialty Colleges
* deal with complex issues both systematically and creatively, make sound judgements in the absence of complete data, and communicate their conclusions clearly to specialist and non-specialist audiences
* demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level
* continue to advance their knowledge and understanding, and to develop new skills to a high level
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| **18. Programme outcomes - the programme offers opportunities for students to achieve and demonstrate the following learning outcomes.**  |
| **A. Knowledge and understanding of:** * their clinical discipline
* the pathophysiological principles behind their clinical area of study
* related clinical disciplines
* clinical research methodology
* statistical analysis of clinical or laboratory data
* ethical and welfare issues relating to clinical practice, teaching and research
* new developments in the relevant area of clinical expertise

**Teaching/ learning methods** Participation in: * Management of clinical cases under supervision
* Clinical rounds
* Speciality journal clubs
* Core taught modules
* Elective taught modules
* Required formative module

 | **Formative assessment by**:* Continuous assessment of case management (on a daily basis) by senior clinicians/ pathologists
* Review by senior clinician/pathologist of owner and/or referring vet communication documents
* Continuous assessment of participation in clinical/pathology rounds by senior clinicians/pathologists
* Assessment of contributions to graduate seminars by senior clinicians/pathologists on a weekly basis
* Assessment of participation in journal and text reviews by senior clinicians/pathologists
* Oral presentations to the relevant Department on an annual basis

**Summative assessment by**:* Annual progress assessments led by the supervisor
* Written examinations for the taught component of each module (MCQ, EMQ, essays, practical spot-test exams)
* Assessment of the research project report by an internal and external examiner, with an oral defence

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| **B. Cognitive (thinking) skills:** * Planning
* Logic
* Comprehension
* Visual and auditory processing
* Study design and implementation

**Teaching/ learning methods** * Management of clinical cases under supervision
* Clinical rounds
* Speciality journal clubs
* Core taught modules
* Elective taught modules
* Required formative module

 | **Formative assessment by:** * Continuous assessment of case management (on a daily basis) by senior clinicians/pathologists
* Review by senior clinician/pathologist of owner and referring vet communication documents
* Assessment of participation in clinical rounds by senior clinicians/pathologists
* Assessment of contributions to Graduate seminars by senior clinicians/pathologists on a weekly basis
* Assessment of participation in journal and text reviews by senior clinicians/pathologists on a weekly basis

**Summative assessment by:** * Annual progress assessments led by the supervisor
* Written examinations for the taught component of each module
* Assessment of the research project report by an internal and external examiner, with an oral defence
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| **C. Competencies and behaviours** * Proficiency in dealing with complex clinical or diagnostic cases in a referral setting
* Diagnostic and therapeutic procedures at a referral level, and/or specialised laboratory techniques
* Organisational skills
* Interpersonal skills and behaviours
* Team leadership skills
* An ability to communicate clearly to both scientific and non-scientific personnel
* Presentation skills, including small group teaching and formal oral presentations
* Teaching and learning skills
* Information technology skills

**Teaching/learning methods** * Management of clinical / diagnostic cases under the supervision of senior clinicians/pathologists
* Supervised participation in diagnostic and therapeutic techniques
* Participation in daily clinical/pathological rounds
* Participation in weekly Graduate seminars
* Participation in group review of journal articles and scientific texts
* Problem-solving exercises
* Attendance at Continuing Professional Development courses within the college
* Formal lectures within the taught component of the MVetMed programme at a level above undergraduate or Continuing Professional Development courses
* Attendance at Scientific conferences
* Preparation and delivery of oral presentations
* An individual research project
 | **Formative assessment by:*** Clinical case log
* Continuous assessment of case management (on a daily basis) by senior clinicians/pathologists
* Review by senior clinician/pathologist of owner and referring vet communication documents
* Continuous assessment of participation in clinical rounds by senior clinicians/pathologists
* Assessment of contributions to Graduate seminars by senior clinicians/pathologists on a weekly basis
* Assessment of participation in journal and text reviews by senior clinicians/pathologists on a weekly basis
* Oral presentations to the relevant Department on an annual basis

**Summative assessment by:** * Annual progress assessments led by the supervisor

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| **19. Programme structures and requirements, levels, modules, credits and awards**  |
| Students will participate in* clinical management and/or health maintenance programmes of individual animals or animals in groups and/or diagnostic pathology duties and will assume primary case responsibility under supervision. A case log will be kept of all cases managed. Case summaries will be written as required for client and referring vet communication documents.
* Department and speciality seminars and presentations
* weekly journal and/or  book review with senior members of academic staff
* weekly training sessions pertinent to their chosen discipline

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| **Research Project** Students will conduct a research project in the area of their choice over the three year programme, and produce a research poster, an oral presentation and a written research report in a format suitable for publication in a peer-reviewed journal.  |
| **Patterns of Study**The MVetMed is an award for students engaged in advanced clinical training, which may take various forms according to the speciality.Every pattern of study must :1 Meet the Educational Aims of the programme and2. Meet the Programme Outcomes including both the listed teaching/learning methods and the assessments3. Include a Research Project comprising 50% of the MVetMed Assessment4. Modular taught studies and assessment to the value of 90 credits (or non-credited equivalent)The modules described below may be replaced by other level 7 modules available at the RVC provided that there is equivalent or complementary content to the Modules listed below. Credit for participation in alternative modules will be subject to the approval of the MVetMed Course Management Committee. Note: In line with the College’s policy Assessment of Prior Learning and Admission with Advanced Standing, admission with advanced standing is permitted for this course. The maximum amount of exemption that any one applicant could be awarded is exemption from the requirement to complete any core modules (see below).  |
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| **Modules** Students will complete 10 modules to include a minimum of 5 core modules and up to 5 elective modules from the lists below and the required formative module.  |
| **Core  modules for non-Zoo and Wildlife students** Applied Research Skills Applied statistics and SPSSDescribing and Interpreting Clinical DataDigital Literacy for VetsEvidence Based Veterinary Medicine Practical Veterinary Education **Core modules for Zoo and Wildlife students**Conservation Biology (MSc WAH)Ecosystem Health (MSc WAH)Evaluation of the Health and Welfare of Captive Wild Animals (MSc WAH)Health and Welfare of Captive Wild Animals (MSc WAH)Impact of Diseases on Populations (MSc WAH)Interventions for Wildlife (MSc WAH)Research module (MSc WAH)**Required Formative module**Scientific writing | **Elective modules** Advanced Large Animal Medicine And Critical CareBasic Small Animal EchocardiographyBiophysics, Equipment and Monitoring used in AnaesthesiaBovine Health Management Journal ClubCardiac Pathophysiology Book ClubCardiology Book ClubCardiology Journal ClubClinical Pathology RoundsClinical PharmacologyComparative Ophthalmology – Book ClubComparative Ophthalmology Journal ClubComparative Ophthalmology – Practical Assessment 1Comparative Ophthalmology – Practical Assessment 2Critical Literature Review in Large Animal MedicineCritical Literature Review In OncologyCritical Literature Review In Veterinary Clinical Pathology CSF Cytology RoundsDetection, Surveillance and Emerging Diseases (MSc WAH)Diagnostic Imaging Book ReviewDiagnostic Imaging Case RoundsDiagnostic Imaging Journal ClubDiagnostic Imaging Physics ReviewECC Journal ClubECC Pathophysiology Book ClubECG InterpretationEquine Advanced General SurgeryEquine OphthalmologyEquine Orthopaedic Surgery SkillsEquine Soft Tissue Surgery SkillsEquine Surgery Book ClubEquine Surgery Journal ClubGastrointestinal modules 1 and 2 (Small Animals)General Pathology 1 & 2Gross Pathology 1 & 2Histopathology 1 & 2Lab Based Diagnostics for Farm Animal DiseasesLarge Animal Diagnostic Imaging Case RoundsLarge Animal Diagnostic Imaging Journal clubLarge Animal Respiratory Medicine[Musculoskeletal Pathophysiology & Locomotion](https://www.ble.ac.uk/webapps/blackboard/content/listContent.jsp?course_id=_39209_1&content_id=_667942_1) Practical Skills in Wild Animal Health (MSc WAH) Principles of Electrodiagnosis in Clinical NeurologyPrinciples Of Veterinary NeurosurgeryProblem Solving in Clinical Oncology Book Club - Part 1 & 2Problem Solving In Veterinary NeurologyProblem Solving In Veterinary NeuroanatomyProblem Solving in Veterinary Neurophysiology & NeuropharmacologySmall Animal NephrologySmall Animal Surgery – Diagnostic ImagingSmall Animal Surgery – Journal Club Small Animal Surgery – Slatter Book Club & Practical Exam Surveillance of Animal Health and Production (MSc Vet Epi)Veterinary Dermatology Journal ClubVeterinary DermatopathologyVeterinary Pathology Journal Club     |
| **20. Work Placement Requirements**  | N/A  |
| **21. Date of production/revision**  | 12Feb2016  |