

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Awarding institution | The Royal Veterinary College |
| 2. Teaching institution | The Royal Veterinary College (University of London) |
| 3. Programme accredited by | Royal College of Veterinary Surgeons (RCVS) - Full accreditation European Association of Establishments of Veterinary Education (EAEVE) - Full accreditation American Veterinary Medical Association (AVMA) - Full accreditation |
| 4. Final award | Bachelor of Veterinary Medicine |
| 5. Programme Title | Veterinary Medicine |
| 6. Date of First Intake | 1791 |
| 7. Frequency of Intake | Annually in September |
| 8. Duration and Mode(s) of Study | Full-time D100: 5 years; D101: 6 years; D102 (Gateway): 6 years; Graduate and Transfer route: 4 years. Note: <i>BSc in Pre-clinical Veterinary Sciences</i> . The BSc in Pre-clinical Veterinary Sciences is offered as an exit degree to students who have achieved an appropriate standard in the first three years of the BVetMed and who have met any other requirements specified in the Regulations for that degree. |
| 9. Timing of Examination Board meetings | First Year BVetMed: June/July. Second Year BVetMed: June/July Third year BVetMed: April/May Gateway: July. G & T year: June. |
| 10. Date of Last Quinquennial Review | 2004/05 |
| 11. Date of Next Quinquennial Review | 2009/10 |
| 12. Entry Requirements | |
| Academic requirements | |
| <i>D100 and D101</i> | |
| Three GCE Advanced/A2 subjects including Biology and Chemistry and one other subject which does not overlap (excluding General Studies). AAA/AAB grades are normally required, though exceptional candidates may be offered a place with ABB grades. | |
| <u>And</u> | |
| Five GCSE A grades, including grade A in Double Science (or in Biology and Chemistry if taken separately) and not less than grade B in English, Mathematics and Physics (if taken as a separate subject). | |
| <u>Or</u> | |
| International Baccalaureate in Biology, Chemistry and one other subject at Higher Level. Offers usually require 766 grades. Qualifications in English, Mathematics and Physics equivalent to GCSE level will also be required. | |
| <u>Or</u> | |

Five Scottish Highers at grades AAAAB including Biology, Chemistry and Physics and two Scottish Advanced Highers in Biology and Chemistry at grade AA. Exceptional students may be offered AB in Advanced Highers.

Or

Irish Leaving Certificate with grades of AAAABB including Biology and Chemistry.

Or

Other international qualifications which are equivalent to the above.

Or

North American candidates with a bachelor's degree (or in their final year of a degree) with a large biological science component, with a GPA of at least 3.4, and with the following prerequisites: Biochemistry; General Chemistry or Inorganic Chemistry or fundamentals of Chemistry with Laboratory; Physics with Laboratory; Mathematics or Statistics.

Or

Other qualifications may be considered

D102 (Gateway stream)

GCSEs at Grade B or above in English Language, Mathematics and Science (Double Award or separate sciences) and other subjects at grades A-C.

And

GCE Advanced/A2 levels in Chemistry, Biology and any other subject except General Studies at grade CCC or higher.

Or

BTEC National Diploma in Animal Management at Distinction level, with modules in science subjects.

Or

Five Scottish Highers at Grade C or above including Physics, Biology and Chemistry; and Advanced Highers in Biology and Chemistry, with C grades.

Or

Other qualifications may be considered

Graduate entry

At least a 2:1 in an appropriate biological sciences degree (suitable disciplines include (but are not limited to) Animal Science, Biochemistry, Biological Sciences, Bioveterinary Science, Physiology, Veterinary Sciences, and Zoology); A-level and GCSE qualifications usually equivalent to those required for D100 and D101.

Work experience

D100: varied work experience in a veterinary practice and with animals to develop handling skills, for a minimum of two weeks.

D101: as above but candidates should also have experience in a scientific environment.

D102: work experience is not essential, although the two weeks described above are considered desirable.

Graduate Entry: candidates should have recent experience of working with animals.

Other requirements

Applicants are required to take the Biomedical Admissions Test (BMAT) examination, unless they are applying through the Gateway route. North American applicants do not need to take the BMAT.

The Gateway programme is available to UK students attending a non-selective state school whose parents have not been to university and who receive, or would be eligible for, an Education Maintenance Allowance payment.

Applicants from overseas will be required to provide evidence of proficiency in spoken and written English, including scientific usage and comprehension.

All suitable applicants are selected for an interview, unless resident in a distant country.

13. UCAS code

D100 (five years), D101 (six years), D102 (Gateway)

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| 14. JACS Code | D100 (five years), D101 (six years), D102 (Gateway) |
| 15. Relevant QAA subject benchmark group(s) | Veterinary Science |
| 16. Reference points | |
| <p>Veterinary Surgeons Act (1966) EU Directive 78/1027/EEC (1978) EU Directive 2005/36/EC (2005) N.B. Effective from Dec 2006 Report of the RCVS Working Party on Veterinary Undergraduate Education (1991) Report of the Committee of Enquiry into Veterinary Research ("Selborne") (1997) RCVS Guidelines on the Essential Competencies Required of the New Veterinary Graduate (1998) Accreditation Policies and Procedures of the AVMA Council on Education (2005) Criteria and Guidance for RCVS approval of Veterinary degree courses in the UK & overseas (2006) QAA Benchmark Statement</p> | |
| 17. Educational aims of programme | |
| <ul style="list-style-type: none"> • to provide a veterinary undergraduate curriculum designed to satisfy the requirements determined by the Royal College of Veterinary Surgeons, the American Veterinary Medical Association and the Veterinary Directives of the European Union; • to promote excellence and achieve and sustain high national and international standing in teaching and learning; • to provide appropriate preparation for career opportunities in the veterinary and associated professions; • to provide a learning environment that encourages the development of student interests and skills, with support from teaching staff many of whom are active in research and/or clinical practice; • to equip our graduates to continue to develop professionally and to achieve postgraduate qualifications. | |
| 18. Programme outcomes - the programme offers opportunities for students to achieve and demonstrate the following learning outcomes. | |
| <p>At the time of graduation students should, to a standard appropriate for a new veterinary graduate, be able to:</p> <ol style="list-style-type: none"> 1. understand basic biological principles in relation to normal function and disease of animals; 2. distinguish the pathological from the normal; 3. prevent animal disease and control its transmission to humans; 4. diagnose and treat diseases of animals and alleviate their suffering; 5. adopt a logical approach to clinical problem solving; 6. demonstrate practical competence in techniques and procedures; 7. advise on animal management and welfare; 8. communicate with the public and with colleagues in their future professional activities; 9. demonstrate attitudes that promote professionalism, ethical judgement, enquiry and teamwork; 10. exercise skills in Information Technology (IT) and data analysis. | |

Teaching/learning methods

In the didactic parts of the course, teaching and learning is based upon:

- whole-class lectures;
- small group tutorials;
- groupwork in directed learning classes;
- computer-assisted learning;
- demonstrations;
- practical work in laboratory and dissection classes;
- practical classes utilising live animals;
- directed and self-directed reading;
- directed and self-directed practice in the Clinical Skills Centre;
- self-evaluation using multiple choice questions;
- animal husbandry placements;
- placements in veterinary practices;
- production of project reports.

In the final one and a half years of the course, teaching and learning is based upon:

- observation, discussion and practical experience as a member of the clinical team in the College's hospitals;
- placements in veterinary practices;
- attendance at lectures, seminars and workshops;
- completion of a major research project.

19. Programme structures and requirements, levels, modules, credits and awards

| Gateway Year (year zero) | Year One | Year Two | Year Three |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Animal Husbandry Module Modules I & II Evolution & The Cell – A User’s Guide Poster Presentation Assessment | Induction Introduction To BVetMed 1: The Whole Animal & Introduction To Systems Strands <ul style="list-style-type: none"> • Locomotor • Principles Of Science • Neurology & Special Senses • Cardiovascular & Respiratory • Urogenital – Renal • Alimentary System • Urogenital – Reproduction Population Medicine & Veterinary Public Health (PMVPH) – Animal Husbandry (AH) Professional Studies Integrated Structure & Function Tutorials take place throughout year Assessment Integrated Concepts - Year 1 Report Assignment (assessed) | Integrated Structure & Function Tutorials continue in Year 2 Principles Of Science Lymphoreticular & Haemopoietic Cardiovascular & Respiratory Professional Studies Endocrine Urogenital – Renal Assessment | Principles of Science Professional Studies Alimentary Endocrinology of Feeding Population Medicine & Veterinary Public Health Reproduction Assessment – Animal Handling OSCE Assessment – submission deadline of Research Project 1 |
| Christmas Holiday | | | |
| Animal Husbandry Module Modules III & IV Animal Movement & Developmental Biology Commencement of Module V Pathogens, Diseases and Immunity Library Project assessment | Principles Of Science PMVPH – AH Professional Studies Alimentary System | Principles Of Science Locomotor Urogenital – Reproduction Skin Population Medicine & Veterinary Public Health | Principles Of Science Professional Studies Reproduction Endocrinology of Reproduction Cardiovascular & Respiratory Urogenital – Renal Endocrinology Lymphoreticular and Haemopoietic |
| Easter Holiday / Extra-Mural Placements | | | |
| Animal Husbandry Module Continuation of Module V Pathogens, Diseases and Immunity Module VI Comparative Reproduction & Inheritance Lambing Report Assessment Revision Assessment – End of Year Examinations | Neurology & Special Senses Principles Of Science Professional Studies PMVPH – AH Assessment – End Of Year Examinations | Principles Of Science Professional Studies Integrated Concepts – Themed Group Work Assessment – End Of Year Examinations | Assessment – BVM 3 Professional Studies Principles of Science Locomotor Neurology & Special Senses Lymphoreticular & Haemopoietic |
| Summer Holiday / Extra-Mural Placements Examination Resits | | | |

The curriculum for years 4-5 has still to be finalised.

The Graduate and Transfer Year comprises three modules

- Principles of Animal Form and Function
- Infections and Responses
- Animal Husbandry

The timetable for the Graduate Year is as follows:

| Week | |
|------|-----------------------------------------------------------------------|
| 1 | Opportunity to do 6 weeks of EMS before start of year |
| 2 | Introduction (G&T students) |
| 3 | Introduction and Principles of Animal Form and Function |
| 4 | Principles of Animal Form and Function |
| 5 | " |
| 6 | Principles of Animal Form and Function / Animal Husbandry |
| 7 | " |
| 8 | " |
| 9 | " |
| 10 | Principles of Animal Form and Function / Infections and Responses/ AH |
| 11 | " |
| 12 | " |
| 13 | " |
| 14 | Christmas |
| 15 | |
| 16 | |
| 17 | Principles of Animal Form and Function / Infections and Responses/ AH |
| 18 | " |
| 19 | " |
| 20 | Principles of Animal Form and Function / Animal Husbandry |
| 21 | " |
| 22 | " |
| 23 | " |
| 24 | Principles of Animal Form and Function / Infections and Responses/ AH |
| 25 | Private Study |
| 26 | " |
| 27 | " |
| 28 | " |
| 29 | " |
| 30 | Easter |
| 31 | |
| 32 | Principles of Animal Form and Function |
| 33 | " |
| 34 | Principles of Animal Form and Function / Animal Husbandry |
| 35 | Principles of Animal Form and Function / Infections and Responses/ AH |
| 36 | " |
| 37 | " |
| 38 | Private Study / Presentations |
| 39 | Private Study |
| 40 | Examinations |
| 41 | Orals |
| 42 | Results |

20. Work Placement Requirements

CLINICAL EXPERIENCE

Animal Husbandry ExtraMural Studies

Students must complete 12 weeks of Animal Husbandry ExtraMural Studies in Years 1 and 2, comprising:

- 2 weeks on a lambing enterprise
- 2 consecutive weeks on a dairy cattle farm
- 2 weeks at a commercial pig operation
- 2 weeks of equine experience
- 4 weeks of their choice.

Gateway

From the 12 week total described for BVetMed, a minimum of 6 weeks Animal Husbandry ExtraMural Studies is to be completed by the end of BVetMed Year 1 (which includes the summer vacation period), including a minimum of 2 weeks lambing experience to be undertaken at the Easter vacation block in Gateway Year 0. The remaining weeks are to be completed by the end of the summer vacation in BVetMed Year 2.

Clinical ExtraMural Studies

Students must complete 26 weeks of Clinical ExtraMural Studies during Years 3 to 5. Detailed regulations governing Clinical EMS are contained in the ClinEMS Student Guidelines.

ASSESSMENT

21. Form of Examination

See associated marking schemes

22. Any requirements to be completed to permit entry to the examination

See associated marking schemes

23. Marking Criteria

See associated marking schemes

24. Allocation of Marks

See associated marking schemes

25. Any additional requirements

See associated marking schemes

26. Requirements to Pass Overall

See associated marking schemes

27. Consequences of Failure

See associated marking schemes

28. Classification

See associated marking schemes

29. Disclosure of Marks

See associated marking schemes

30. Dates of Examinations

See associated marking schemes

31. Date of production/revision

1-07-09