

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 D100 graduate entry: 4 years D101: 6 years D102: 6 years
9. Timing of Examination Board meetings	First and Second year exam boards in June. Third year exam board in April. Fourth year exam board in January. Finals Part Two exam board in July. Finals Part Three exam board in July. Gateway exam board in July. G&T exam board in June.
10. Date of Last Quinquennial Review	2004/05
11. Date of Next Quinquennial Review	2009/10
12. Entry Requirements	
<u>Academic requirements</u>	
<i>Main stream</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 and not less than grade B in English, Mathematics and Physics (if taken separately).	
<u>Or</u>	
International Baccalaureate in Biology, Chemistry and one other subject at Higher Level. Offers usually require 766 grades. Acceptable qualifications in English, Mathematics and Physics will also be required.	
<u>Or</u>	
Five Scottish Highers including A grades in Physics, Biology and Chemistry and usually B grades	

in Advanced Highers in Biology and Chemistry.

Or

Other international qualifications which are equivalent to GCE examinations.

Or

North American candidates with a bachelor's degree (or in their final year of a degree) with a large biological science component, and which should include physics and chemistry modules.

Gateway stream

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

And

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

Graduate year stream

Good GCE Advanced/A2 Level grades in Biology and Chemistry and a third subject (excluding General Studies).

And

At least a 2:1 Honours degree in a Biological Sciences discipline.

Work experience

Varied work experience in a veterinary practice and with animals to develop handling skills (D100). This is not essential for students on the Gateway course (D102), although it is considered desirable.

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.

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 with the exception of North Americans.

13. UCAS code

D100 (five years, or four years for graduate entry programme)

D101 (six years with intercalated BSc)

D102 (Gateway six years),

14. JACS Code

D100 (five years), D102 (Gateway)

15. Relevant QAA subject benchmark group(s)

Veterinary Science

16. Reference points

Veterinary Surgeons Act (1996)

EU Directive 78/1027/EEC (1978)

EU Directive 2005/36/EC (2005) N.B. Takes effect from Dec' 06

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)

17. Educational aims of programme

- 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.

At the time of graduation students should, to a standard appropriate for a new veterinary graduate, be able to:

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. demonstrate practical competence in techniques and procedures;
6. advise on animal management and welfare;
7. communicate with the public and with colleagues in their future professional activities;
8. demonstrate attitudes that promote professionalism, ethical judgement, enquiry and teamwork;
9. exercise skills in Information Technology (IT) and data analysis.

Teaching/learning methods

In Phase 1, teaching and learning is based upon attendance at lectures; groupwork in directed learning classes; problem-solving exercises; computer-assisted learning; practical work in laboratory and dissection classes; practical classes utilising live animals; directed and self-directed reading; animal husbandry placements; production of project reports.

In Phase 2, teaching and learning is based upon attendance at lectures; demonstrations; groupwork in directed learning classes; practical tutorials; directed and self-directed reading; placements in veterinary practices; problem-solving exercises; computer-assisted learning; production of project reports.

In Phase 3, 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, and completion of a major research project.

Assessment

Each student in the main BVetMed stream is required to pass the following degree examinations:

End of Year One: First Year BVetMed Examination, comprising:

- i. assessment of coursework (individual assignments from each module and an oral assessment in Integrated Structure and Function)
- ii. a structured practical/oral test examining integration of structure and function
- iii. written papers testing knowledge, understanding, observation, problem-solving and analysis

End of Year Two: Second Year BVetMed Examination, comprising:

- i. assessment of coursework (individual assignments from each module, an oral assessment in Integrated Structure and Function, and an Animal Husbandry report)
- ii. a structured practical/oral test examining integration of structure and function
- iii. written papers testing knowledge, understanding, observation, problem-solving and analysis

End of Term Two, Year Three: Third Year BVetMed Examination, comprising:

- i. a spot test assessing observation and data analysis;
- ii. in-course tests and written papers testing knowledge, understanding, problem-solving and analysis
- iii. Objective Structured Practical Veterinary Examinations (OSPVEs)

Mid-point of Year Four: Fourth Year BVetMed Examination, comprising:

- i. assessment of an animal husbandry project report;
- ii. in-course tests and written papers assessing knowledge and understanding

Mid-point of Year Five: Final BVetMed Examination Part 1, comprising:

- i. a written paper testing understanding of professional issues in veterinary medicine;
- ii. continuous assessment of intramural clinical rotations

End of Year Five: Final BVetMed Examination Part 2, comprising:

- i. written papers testing problem-solving, analysis and data interpretation;
- ii. clinical/oral examinations, including OSPVEs, testing knowledge, understanding, problem-solving, analysis and practical skills

End of Year Five: Final BVetMed Examination Part 3

- i. in-course assignments testing knowledge, understanding and problem-solving;
- ii. a project report and oral examination testing research skills, writing skills, and data analysis;
- iii. a written examination testing knowledge, understanding and data analysis

In addition to summative examinations, students experience formative assessment in a variety of formats throughout the course.

Gateway

Gateway students must pass the following assessments in order to be able to progress onto the first year of the BVetMed course.

- i. assessment of coursework (two library-based projects)
- ii. written papers testing knowledge, understanding, observation, problem-solving and analysis
- iii. practical examination on animal husbandry

Graduate year

Graduate year students must pass the following examinations before progressing on to the third year of the BVetMed course.

- i. a structured practical/oral test examining integration of structure and function
- ii. written papers testing knowledge, understanding, observation, problem-solving and analysis

Transfer year

Transfer year students must pass the following examinations before progressing onto the third year of the BVetMed course.

- i. a structured practical/oral test examining integration of structure and function
- ii. written papers testing knowledge, understanding, observation, problem-solving and analysis
- iii. a 5000 word project

Note: *The BSc in **Preclinical Veterinary Sciences** (check subsequent to Ac Bd on 21/5)*
The BSc in **Preclinical 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 the Literature Review or Year 5 Research Project.

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

First Year	Second Year		Third Year	Fourth Year	Fifth Year
				Lympho/Haemoep	Rotation 7
Induction			Microbiology & Parasitology	Endocrine	
Animal Husbandry, Molecular, Cellular & Development Biology, ISF	The Head		Principles of Clinical Science	Urogenital	
"	"		"	"	Rotation 8
"	"		"	"	
"	"		"	"	
"	Digestion & Metabolism, Immunology ISF		Microbiology & Parasitology	Skin	Rotation 9
"	"		"	"	
"	"		"	Revision	
"	"		"	"	Rotation 10
"	"		"	4th yr BVetMed EXAMS	
Christmas Holiday	Christmas Holiday		Christmas Holiday	Christmas Holiday	Christmas Holiday
			OSPVE EXAM		Rotation 10
Animal Husbandry, Movement, Control and Measurement ISF	Endocrinology& Thermoregulation		Alimentary	Population Med & Public Health	Rotation 11
"	Renal System	Reproductive System	"		
"		"	"		
"		"	Cardiovascular		Rotation 12
"	General Pathology	"	"	Summative Exam	
"	"			EMS/4th Yr Resits	
Extra-Mural Studies	Extra-Mural Studies		Extra-Mural Studies	Rotation 1	OSPVE EXAM
			EXAMINATIONS		Professional Studies
					EMS
					"
Easter Holiday	Easter Holiday		Easter	Easter	Easter
Animal Husbandry, Cardiovascular & Respiratory systems, ISF	General Pathology Special Species 1 ISF		Respiratory	Rotation 2	Didactive Elective Modular Courses
"	"		"		"
"	"		"		Oral Defence of Research 2
Revision	Revision		Locomotor	Rotation 3	Extra-Mural Studies
"	"		"		
"	EXAMINATIONS		"		
EXAMINATIONS	Communication Skills		NSSS	Rotation 4	Revision
"	EXAMINATIONS		"		
"	"				FINALS
			Extra Mural Studies A H Components/ Private Study	Rotation 5	Graduation
				Rotation 6	
EXAMINATIONS (RESIT)	EXAMINATIONS (RESIT)		EXAMINATIONS (RESIT)	Rotation 7	
"	"		"		

The Graduate year comprises three modules:

- Principles of Animal Form and Function
- Immunology and Pathology
- Animal Husbandry

20. Work Placement Requirements (BVetMed and FdSc only)

CLINICAL EXPERIENCE

Animal Husbandry ExtraMural Studies

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

- 3 consecutive weeks at a sheep unit;
- 2 consecutive weeks at a dairy cattle unit;
- 2 weeks at a pig unit;
- 2 weeks of equine work;
- 1 week working with any species other than these;
- 2 weeks conducting project work of the student's choice.

Clinical ExtraMural Studies

Students must complete 26 weeks of Clinical ExtraMural Studies during Years 3 to 5. Normally, one of these weeks must be spent studying meat hygiene in an abattoir and one week in a Veterinary Investigation Centre.

IntraMural Rotations

Students are required to complete 28 weeks of intramural rotations between the mid-point of Year 4 and the mid-point of Year 5. These comprise:

- Small Animal Medicine (4 weeks)
- Small Animal Surgery (4 weeks)
- Small Animal Specialties (Small Animal Neurology, Dermatology, ECC, and Blue Cross Hospital) (4 weeks)
- Equine Surgery and Diagnostic Imaging) (4 weeks)
- Equine Medicine and Ambulatory Practice (2 weeks)
- Veterinary Anaesthesia (2 weeks)
- Farm Animal (4 weeks)
- Pathology (one week each of anatomical and clinical pathology);
- Small Animal General (Beaumont Animal Hospital) (2 weeks)

ASSESSMENT

21. Form of Examination

See attached marking schema

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

See attached marking schema

23. Marking Criteria

See attached marking schema

24. Allocation of Marks

See attached marking schema

25. Any additional requirements

See attached marking schema

26. Requirements to Pass Overall

See attached marking schema

27. Consequences of Failure

See attached marking schema

28. Classification	See attached marking schema
29. Disclosure of Marks	See attached marking schema
30. Dates of Examinations	See attached marking schema
31. Date of production/revision	20/08/09