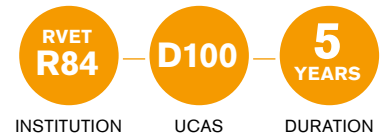


SETTING
THE STANDARD
IN
Veterinary
EDUCATION
SINCE 1791

**UNDERGRADUATE
VETERINARY COURSES**

We've been delivering exceptional veterinary training for well over 200 years and our academic research facilities are second-to-none. By choosing to study at the RVC, you'll benefit from an outstanding learning environment that will enable you to make a real difference in your chosen profession.

BVetMed D100



While we're rightly proud of our longstanding reputation for excellence, this exciting curriculum takes a fresh approach and brings together technological change, clinical and scientific progress and stimulating teaching and learning methods. The result is a unique and outstanding veterinary degree that will set you apart from your contemporaries.

D100: UNDER THE MICROSCOPE

We provide an innovative curriculum that meets all the requirements laid down by the Royal College of Veterinary Surgeons, the American Veterinary Medical Association, and the Veterinary Directives of the European Union.

You will gain a thorough understanding of the science underpinning veterinary practice and develop vital problem-solving, communication and team-working skills. In our busy RVC hospitals, you will gain the broadest and best possible practical experience; while during your elective studies you will get all the help you need to delve into more specialised subjects and complete a challenging research project.

This comprehensive programme will help you acquire:

- An understanding of the basic biological principles of normal body function and disease
- The ability to distinguish the pathological from the normal
- The ability to prevent disease and safely manage the processes of animal production
- The expertise to diagnose and treat disease and alleviate suffering
- The professional skills you need to work and communicate effectively with your colleagues and the public.

YEARS ONE AND TWO: A PLATFORM FOR DISCOVERY

Basic Science

Your first two years will be spent mainly at our Camden Campus, with visits to Hawkshead for lectures and practicals in animal health and handling. You will initially study the healthy animal in its normal environment, followed by introductions to fundamental disease processes and the infectious and parasitic organisms responsible for animal diseases. You will also acquire basic skills in handling and examining horses, farm animals and companion animals. The veterinary sciences are taught in an integrated manner on a body systems basis, with the clinical relevance of the sciences highlighted at every stage.

Our innovative curriculum means you will spend less time in the classroom and more time mastering the material you need to learn. Learning takes place in a variety of formats, including lectures, tutorials (some of which involve live animals), directed learning sessions, dissections and practical classes in the laboratory and at our working farm.

In the course there is a strong emphasis on independent learning; from an early stage you will be expected to take responsibility for identifying your own learning needs and to participate fully in self-directed learning activities. You will be able to monitor your own progress by taking computer-based 'quizzes', so you can assess how well you are doing and focus your studies more effectively. You will also undertake a simple research project to develop your skills in testing a scientific hypothesis through data gathering and analysis, and in scientific writing.

Animal Husbandry Extra Mural Studies

You will undertake a minimum of 12 weeks Animal Husbandry Extra Mural Studies (AHEMS) during your first two years, giving you an opportunity to obtain real-life experience in a variety of settings such as dairy and sheep farms, stables, kennels and catteries.

YEARS THREE, FOUR AND FIVE: CLINICAL PRACTICE

Clinical Science

The third year and first part of the fourth year are spent at the Hawkshead Campus. This phase provides the framework of knowledge and basic practical skills in clinical science necessary for you to participate fully in clinical practice at the RVC and in private veterinary practice. Detailed consideration of clinical problems is based on integrated teaching of individual body systems, building on the material learnt during the first two years. You will attend lectures, clinical case scenarios, directed learning sessions and practical classes. These provide you with the opportunity to gain core knowledge and skills relating to the pathology, diagnosis, prognosis, and medical and

surgical management of disease. The emphasis on self-directed study and group work also continues through this part of the course.

Clinical Skills

During the third and fourth years you will also spend increasing amounts of time in our state-of-the-art Clinical Skills Centre, practising a wide range of skills in a 'safe' setting under expert guidance that will stand you in good stead when you start your clinical placements.

Clinical Extra Mural Studies

In Year Three, you will begin Clinical Extra Mural Studies (EMS); to progress beyond Year Four, you will need to have spent 10 weeks at a variety of veterinary practices. In total, you must complete 26 weeks of Clinical EMS within the final three years of the course. You do this via a balanced programme of placements at general veterinary practices, specialist veterinary centres, the State Veterinary Service, research institutes and the Veterinary Laboratory Agency (VLA).

Up to 15 of your 26 weeks of Clinical EMS may be spent outside the UK.

Intra Mural Rotations

From the middle of Year Four, much of your remaining time will be spent gaining hands-on experience on RVC clinical services (Intra Mural Rotations; IMR).

IMR includes the following areas:

- Small animal medicine, surgery and emergency care based in the referral and primary care hospitals
- Equine medicine and surgery, based in the Equine Referral Hospital
- Farm animal medicine, surgery, population medicine, and public health in our associated farm animal practices and our Welsh Regional Veterinary Centre
- Pathology, including training in our diagnostic laboratories.

Research Project

During this period, you will also spend at least eight weeks devising and executing a supervised research project on an aspect of veterinary science that interests you. You may even get the chance to present this project at a scientific meeting, or publish it in a veterinary or scientific journal.

Specialisation

All UK veterinary graduates are required to have basic competence in all the species most commonly encountered in veterinary practice. However, the RVC also recognises that most students have a particular preference for specific areas of veterinary work. We have created

more opportunities for students to gain further knowledge and experience with their preferred species, both through additional time in elective classes, and through further clinical tracking rotations.

Examinations

The BVetMed is very demanding and there are rigorous examinations throughout the five-year degree. Like the other veterinary programmes in this country, and many medical programmes, there is an opportunity to retake each examination.

WORK-BASED PLACEMENT

The RVC offers its veterinary students the opportunity to undertake a work-based placement year during their studies.

The placement will enable you to learn on the job whilst spending a year working in industry, the charity sector, a government or research institute, and will help you to further develop your research skills and understanding of the workplace. BVetMed students can search and apply for placements after completion of the second year.

EQUIPPING YOU FOR THE FUTURE

You will be entitled to practise as a veterinarian as soon as you have earned your BVetMed degree and registered as a Member of the Royal College of Veterinary Surgeons.

The American Veterinary Medical Association (AVMA) will recognise your degree as equivalent to those awarded by veterinary colleges in North America. The RVC is the only English veterinary school accredited by the AVMA, and this gives you a unique advantage. Some of North America's major veterinary employers recruit actively among our final year students, many of whom now sit the North American Veterinary Licensing Examination with the intention of working in North America after qualifying. The RVC is also accredited by the European Association of Establishments for Veterinary Education (EAEVE) and the Australasian Veterinary Boards Council (AVBC).

HOW TO APPLY

Applications for admission to the BVetMed degree course should be made through UCAS by 15 October for entry in the following year. See www.ucas.com

You may list a total of five courses on the UCAS application form, but only four can be for veterinary medicine/science courses (D100, D101 and D102). Applicants should choose whether to apply for either D100 or D101. You may not apply for both.

For more information about applying to the RVC, turn to page 78.

INTERVIEWS

The RVC does not normally offer a place on the BVetMed course without an interview. Interviews normally take place in December in the UK and in January/February in North America and Asia.

The RVC runs multi mini interviews involving different stations as well as a group exercise. Once an interview date has been allocated it

will be difficult to rearrange so it is important that you state clearly on your UCAS application any dates that you may be unavailable.

REAPPLICATION

We are normally unable to consider more than one repeat application. Those reapplying must take BMAT again.

MAKE THE GRADE

Please check the website for the most up to date entry qualifications. Those listed below are guidelines. If you are not sure about your qualifications or you are an international student, please contact us.

A-Level (AL) grades/subjects required: AAA with Biology and Chemistry.

AS Level grades/subjects required: None.

GCSE: At least 5 A grades including grade AA Double Award Science or Biology and Chemistry if taken separately, and minimum grade B English, Maths and Physics.

BTEC (City & Guilds): DDD in National/ Level 3 Extended Diploma in Animal Management or Applied Science considered with specified units at Distinction.

Access to HE Diploma: Science-based Diploma required with a minimum of 15 Level 3 credits in Biology and 15 Level 3 credits in Chemistry. Distinctions are required in all Level 3 Biology and Chemistry credits taken.

Cambridge Pre-U: D3 or higher in Biology, Chemistry and one other Principal subject.

Scottish Qualifications: Advanced Highers: AA-AB including Biology and Chemistry plus 5 Highers at grades AAAAB.

Welsh Baccalaureate Advanced Diploma: AL Biology and Chemistry at grade AA required.

Irish Leaving Certificate: AAAABB at Higher Level including Biology and Chemistry at grade A. English Language, Maths and Physics minimum grade B at Ordinary Level if not taken at Higher level.

International Baccalaureate: Grade 766 at Higher Level including Chemistry and Biology.

Advanced Placements (APs): APs in Biology and Chemistry both at grade 5 required plus either 2 further APs at grade 4 or a SAT Score of 1800 (600 minimum in Critical Reading, Mathematics and Writing)

Canadian Secondary School Diploma: 90% overall with 90% in Biology and Chemistry (Advanced Level) required.

Hong Kong Diploma: Grades 554 in Chemistry, a second science subject and one other elective subject. Plus, Maths and English core subject.

Singapore AL: AAA-AAB at H2 level including A in Chemistry and Biology.

Malaysian STPM: AAA-AAB Principal Level passes including A in Chemistry and Biology.

International students: Applicants with qualifications not listed will be considered on a case-by-case basis and should contact the Admissions Office for advice.

Applicants are expected to have taken or be taking qualifications that are equivalent to AL standard in the UK.

A good working knowledge of written and spoken English is essential in order to follow the course, which includes a significant proportion of oral instruction and written assessments. Applicants whose first language is not English must have an acceptable English Language qualification.

- IELTS score of 7.0 or above with minimum 6.5 in each component
- Pearson Test of English overall score of at least 65



WORK EXPERIENCE REQUIREMENTS

You will need to have prior work experience in order to have developed animal handling skills and obtained an insight into the work of veterinary surgeons.

Before you apply, you must have completed the minimum requirements:

- A total of two weeks of work experience (paid or voluntary) in one or more veterinary practices
- A total of two weeks in a variety of different animal environments (outside of your home environment).

This experience must be gained in the 18 months prior to the application deadline.

We encourage you to think creatively about these environments and are interested to hear about any experiences that have helped to give you a sense of the veterinary role in the wider world. Examples of such environments might include, but are not limited to: kennels, catteries, animal shelters, rural or city farms, stables, pet shops, lambing, intensive livestock, abattoirs, research laboratories, pharmacies, wildlife parks, zoos, etc. You do not have to have gained experience in all these areas.

All applicants must complete the online work experience questionnaire by 15th October 2015.

See www.rvc.ac.uk for the questionnaire and further details.

BIOMEDICAL ADMISSIONS TEST (BMAT)

All applicants for D100 (except non-EU international students) need to take the BMAT in the year of application.

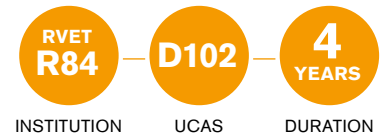
The BMAT has been used for several years by the RVC (as well as Cambridge Veterinary School, and medical schools in Oxford, UCL and Imperial College) as a supplementary science aptitude test to help inform the selection process.

Due to the very high volume of excellent applications from Home/EU students, BMAT scores are used as a 'filter' of the selection process to decide who is called for interview/offered a place. Applicants will need to make arrangements to sit the exam themselves. To confirm deadlines and examination dates and for more details, please go to: www.bmat.org.uk

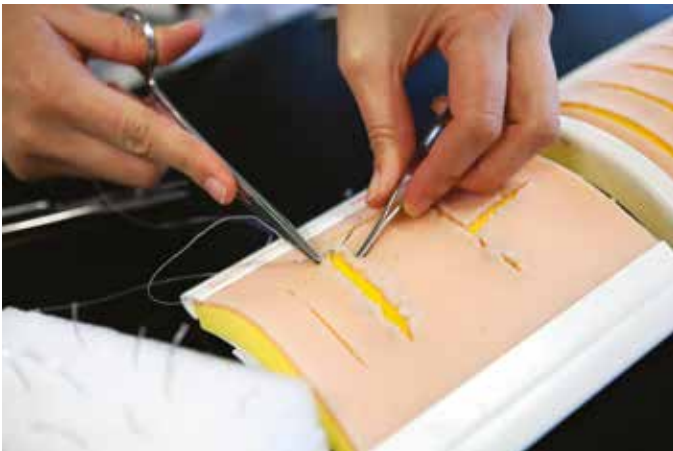
Non-EU international students do not need to take BMAT.

BVetMed Accelerated Programme

D102



Our BVetMed programme is known throughout the world for its rigour and excellence, and if you're already a graduate or in your final year of a Biological Sciences degree, you can apply for this accelerated version. The four-year programme enables you to supplement your existing skills, adding to the preclinical science information covered by a previous Biological Science degree. Simply complete an introductory graduate accelerated year, and you'll be fast-tracked to enter the BVetMed course at the start of Year Three.



D102: UNDER THE MICROSCOPE

The graduate accelerated year comprises three modules, each divided into units. Each of these units consists of around 10 lectures, with each lecture series often rounded off by a clinically-oriented seminar from one of our clinical staff.

Lecturers will provide introductions to each new subject, as well as an overview and 'road-map' showing how to take your studies further. The emphasis is very much on independent study, involving directed reading, problem-solving and directed learning, practical anatomy classes and dissections, histology reviews and instruction in the use of microscopes and electronic media. You will also have small group tutorials, some of which involve live animals.

MODULE ONE – PRINCIPLES OF ANIMAL FORM AND FUNCTION

- Locomotor
- Organs of Digestion
- Renal and Urinary Tract
- Endocrine Systems
- Nervous System & Integument
- Reproduction
- Cardiovascular and Respiratory Systems

MODULE TWO – INFECTIONS AND RESPONSES

- Veterinary Pathology
- Immunology, Inflammation & Pharmacology
- Virology
- Parasitology
- Bacteriology

MODULE THREE – ANIMAL HUSBANDRY

In this module you will learn about the welfare, housing, feeding and handling of both production animals and pets. There is a substantial practical component to this module's content.



“
It’s amazing how experienced and enthusiastic all the lecturers, technicians and clinicians teaching here can be”

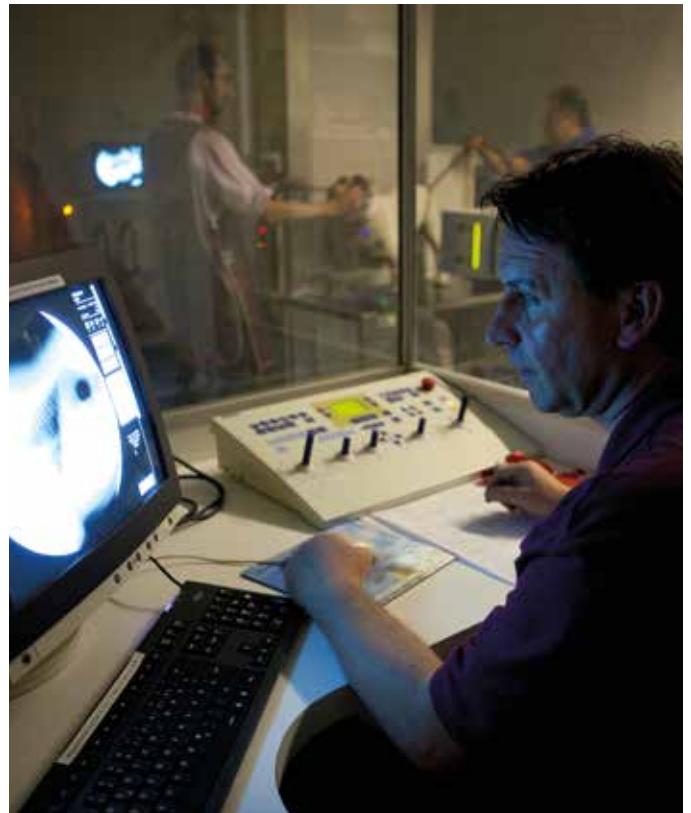
MAKE THE GRADE

Please check the website for the most up to date entry qualifications. Those listed below are guidelines. If you are not sure about your qualifications or you are an international student, please contact us.

Degree requirements: This programme is available to graduates who already hold, or expect to obtain in the current year, a 2:1 or the equivalent of a 3.4 GPA or above in an appropriate biological science degree (such as: Bioveterinary Sciences, Animal Sciences, Veterinary Nursing, Biochemistry or Zoology).

A-Level (AL) grades/subjects required: Applicants should note there are no specific A-level requirements for this degree; however on entry to the course successful applicants will be studying alongside students who typically have biology and chemistry A-levels (or equivalent) and an understanding of topics covered in these examinations may be expected at points in the course.

Strongly recommended: General Chemistry or Inorganic Chemistry or Fundamentals of Chemistry with Laboratory. It is not possible to transfer to the BVetMed course from a degree programme partly completed at another university. No exemption is granted from any course component. Refer back to page 62 for English language requirements.





WORK EXPERIENCE REQUIREMENTS

You will need to have prior work experience in order to have developed animal handling skills and obtained an insight into the work of veterinary surgeons.

Before you apply, you must have completed the minimum requirements:

- A total of two weeks of work experience (paid or voluntary) in one or more veterinary practices
- A total of two weeks in a variety of different animal environments (outside of your home environment).

This experience must be gained in the 18 months prior to the application deadline.

We encourage you to think creatively about these environments and are interested to hear about any experiences that have helped to give you a sense of the veterinary role in the wider world. Examples of such environments might include, but are not limited to: kennels, cattery, animal shelter, rural or city farm, stables, pet shop, lambing, intensive livestock, abattoir, research laboratory, pharmacy, wildlife park, zoo, etc. You do not have to have gained experience in all these areas.

All applicants must complete the online work experience questionnaire by 15th October 2015.

See www.rvc.ac.uk for the questionnaire and further details.

HOW TO APPLY

If you wish to be considered for the BVetMed Accelerated Programme you will need to apply through UCAS using course code D102 (applicants from North America who must apply through VMCAS www.aavmc.org/vmcas. See www.ucas.com

When you apply, you must send academic transcripts showing all degree modules and results to the Admissions Office.

For more information about applying to the RVC, turn to page 86.

Important note

You may list a total of five courses on the UCAS application form, but only four can be for veterinary medicine/science courses (D100, D101 and D102). Applicants should choose whether to apply for either D102 or D100/D101. You may not apply for both.

INTERVIEWS

The RVC does not normally offer a place on the Accelerated BVetMed without an interview. Interviews for selected applicants usually take place in December. Interviews are also held in North America and Asia in January/February.

REAPPLICATION

We are normally unable to consider more than one repeat application.

RVC INSIDER

Having started her BVetMed course at Camden Campus, Amelie Geddis is currently at Hawkshead in the fourth year of her studies. She explains what the RVC experience has been like for her...

Describe a typical day for us...

As I have just finished the lecture based part of the course and am eagerly anticipating the start of my rotations (via fourth year exams), there is no typical day for me at the moment... unless you count madly revising in the Hawkshead library.

Up until now the first three and a bit years of the course have mainly consisted of a brisk walk into university at nine in the morning, for two or three hours of lectures followed by small group work (in groups of six) which will normally take the form of a “paper patient” which gets more complicated as you get through the course.

About twice a week I have a practical of some sort, and I normally have to spend about two hours going over what I’d done that day to check it has gone in and to do any extra reading before being free for food, friends and singing – three of my favourite things.

And do you have a good social life?

I’d say I do. I manage to make some time for my friends inside and out of university and to take part in non RVC choirs as well as the RVC one. I think no matter how much work you have to do, you can always squeeze in a little time for yourself... and being so close to London, you can do quite a lot in just a little time.

Why did you choose to study at the RVC?

I always knew that I needed to study somewhere where the course was a mix between practical and lectures as I’m someone who needs to use lots of different learning styles. The RVC’s strand-based model of building up from the first principles of the different organ systems – rather than learning everything about one topic and then not looking at it until clinics – appealed to me. Many vets I’d seen practice with had stressed the importance of always remembering your first principles.

Has the RVC met your expectations? Where has it excelled them?

I couldn’t have imagined how experienced and enthusiastic all the lecturers, technicians and clinicians teaching us here would be, they’ve really managed to make every subject, even those I wasn’t leaning towards before starting, an absolute joy. They’ve made me feel that, with this Veterinary Degree, so many doors will truly be

open to me as the veterinary profession is as varied as it is fascinating. By bringing experts from all round the world and having a leading department in Veterinary Education Research, they’ve managed to make a course which is really full, manageable and incredibly interesting. On a totally different note, I’m also amazed that my experience at the RVC has made me, a very rural girl, fall totally in love with London and all it has to offer.

What are the facilities like?

The facilities? Where do I start? The accommodation is so modern and convenient that it’s my fourth year and I’ve still not moved out – the Kentish Town flats were down a quiet side street framed by a Macdonald’s and two primary schools (and next door to a police station), so I never felt scared walking around in the dark.

The Hawkshead accommodation is really spacious and as I type this in the Library I can literally see into my kitchen – they are that close. In Camden, the Anatomy Museum and dissection room are perfectly set up to help you learn and filled with some truly amazing specimens. Of course, the facilities that are most on my mind at the moment are the stunning Queen Mother Hospital and the Equine Referral Hospital as I am about to spend 12 months in and out of them. And after having had some experience of them while shadowing clinicians and giving tours, I can’t wait to be actively working with the world leading clinicians there.

Do you feel as if you’re given enough guidance and support from the College as a whole?

As a student representative for my year, I saw first-hand how much effort behind the scenes goes into ensuring we get feedback for our work and that we know exactly where to turn to if we need help with something. We have a pastoral tutor throughout our time here and all of the Topic leaders make themselves available for any academic questions we may have, and part of the benefit of the college being so small is that we really do get to know the staff making them seem very accessible.

What’s the best thing about studying at RVC?

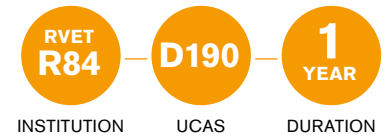
Knowing I’m going to be a vet at the end of it with the huge network of friends, clinicians and knowledge I’ve built in my time here, there to support me!

When you graduate, do you think you’ll have the skills and knowledge you need for your chosen career?

Of course I do! As long as I stop answering these questions and get back to revision...

Veterinary Gateway Programme

D190



This course is aimed at students who are part of the UK Widening Participation cohort and who might not otherwise meet our entry requirements. If you successfully complete this course, you'll be given a place on our BVetMed degree programme. You'll also be eligible to apply for veterinary degrees at the universities of Liverpool, Bristol and Glasgow, or the six-year veterinary science degree at the University of Cambridge.

D190: UNDER THE MICROSCOPE

The programme focuses on: developing your analytical, problem-solving and practical skills in the biological sciences; improving your study, team-working and communication skills; introducing you to the handling and husbandry (control and management) of animals – most of them farm animals.

Teaching takes the form of lectures, practical classes in the lab and on the College Farm, seminars, visits to relevant sites and tutorials. You will also work on assignments in groups and on your own, making good use of our extensive library and IT resources.

HOW TO APPLY

For a place on the Veterinary Gateway Programme (UCAS code D190) you must apply through UCAS. The deadline is 15 January. See www.ucas.com

For more information about applying to the RVC, turn to page 86.

YOUR GATEWAY APPLICATION FORM

In addition to your UCAS form you must also submit a Gateway Application Form by 15 January which you should download from our website: www.rvc.ac.uk/gateway

Please note: Without this form and documentation we cannot process your application.

ADDITIONAL INFORMATION

To find out more about veterinary medicine go to www.tobeavet.com. Here you will be able to see the sort of skills needed, view student profiles and much more. You will also be able to find information about alternative careers.

IS THIS COURSE FOR YOU?

The Veterinary Gateway programme is available to UK students only that satisfy the following specific non-academic requirements:

- You must be a resident in the UK.
- All education you have completed since the age of 11 must have been at a non-selective state school.

AND

- You must be currently studying at a non-selective state school and must be predicted to achieve no more than two grades below the standard Gateway entry offer for that qualification. (NB all successful applicants will receive the standard offer for the course, irrespective of their predicted grades)

OR

- You must have gained a qualification that meets the standard offer for the Gateway course in the 12 months prior to application and must have studied, in full, for this qualification at a non-selective state school.

In addition, as a **minimum**, you must meet at least 3 of the following criteria:

- You live in an area with a POLAR3 score of 1 or 2. You can check this via the HEFCE website
- You are a person who has been looked after for at least 13 weeks since the age of 14
- The school at which you took your level 2 qualifications (GCSEs or equivalent) is a school with an RVC contextual flag**
- The school at which you are taking your level 3 qualifications (A-levels or equivalent) is a school with an RVC contextual flag⁰
- Your parental income (your income in the case of mature students) is less than £25,000 and your parent(s) is in receipt of child tax benefits or another government assessed income award
- You attended the RVC summer school
- You are a refugee
- Your parents did not attend Higher Education.

** See our website for more information.



MAKE THE GRADE

Please check the website for the most up to date entry qualifications. Those listed below are guidelines. If you are not sure about your qualifications or you are an international student, please contact us.

A-Level (AL) grades/subjects required: CCC including Chemistry and Biology and excluding General Studies.

GCSE: At least 5 with minimum grade C, including grade B in English Language, Maths and Double Science award or Biology, Chemistry and Physics if taken separately.

BTEC: DDM in National/ Level 3 Extended Diploma in Animal Management or Applied Science considered with specified units required.

Cambridge Pre-U: P1 in Biology, Chemistry and another principal subject.

Scottish Qualifications: Advanced Higher Biology and Chemistry at grade C plus 5 Highers at grade C.

Welsh Baccalaureate Advanced Diploma: including AL Biology and Chemistry grade C.

Work experience: Not a requirement but is encouraged. Please note that Veterinary Gateway applicants are not required to take BMAT.

“
Designed to
equip you with
the knowledge
and skills you
need for future
success”

BVetMed with Intercalated Year D101



To complete this programme, you'll study the five year BVetMed programme and also spend one year (usually between years two and three) completing an Intercalated degree.

D101: UNDER THE MICROSCOPE

In six years you'll gain a BSc in addition to the BVetMed, and the course will include intensive study of a broad range of biology topics.

IS THIS COURSE FOR YOU?

D101 students have the option to study one of the RVC Intercalated courses (see pages 72-73 for further details), or one of the many BSc courses that are offered by other universities, for example Kings College London and Liverpool University.

For full information about the content of the BVetMed course, please refer to pages 60-63.

HOW TO APPLY

If you are considering a veterinary career, you should take steps to learn something about the profession and take an interest in current issues affecting agriculture and the animal world in general.

Applications for admission to the BVetMed with Intercalated year degree course should be made through UCAS by 15 October for entry in the following year.

For more information about applying to the RVC, turn to page 78.

IMPORTANT NOTE

You may list a total of five courses on the UCAS application form, but only four can be for veterinary medicine/science courses (D100, D101 and D102). Applicants should choose whether to apply for either D100 or D101. You may not apply for both.



INTERVIEWS

The RVC does not normally offer a place on the BVetMed with Intercalated year course without an interview. Please see page 62 for information about interviews.

REAPPLICATION

We are normally unable to consider more than one repeat application. Applicants reapplying must take BMAT again.



MAKE THE GRADE

Please check the website for the most up to date entry qualifications. Those listed below are guidelines. If you are not sure about your qualifications or you are an international student, please contact us.

The initial entry requirements for the D101 course are the same as those for the BVetMed course (D100). Please see page 60.

Intercalation is also available as an option to D100 students, but choosing the D101 route guarantees your selection (subject to satisfactory academic progress) and may ease organisational matters, such as loans/funding.

WORK EXPERIENCE REQUIREMENTS

To apply for the BVetMed you will need to have prior work experience in order to have developed animal handling skills and obtained an insight into the work of veterinary surgeons. Before you apply, you must have completed the minimum requirements:

- Two weeks of work experience in a veterinary practice
- One week in a different animal environment (outside of your home environment)
- One week in a scientific environment such as a research laboratory in a university, in industry, in a government research institute, or a veterinary or medical diagnostic laboratory.

This experience must be gained in the 18 months prior to the application deadline.

We encourage you to think creatively about these environments and are interested to hear about any experiences that have helped to give you a sense of the veterinary role in the wider world. Examples of such environments might include, but are not limited to: kennels, cattery, animal shelter, rural or city farm, stables, pet shop, lambing, intensive livestock, abattoir, research laboratory, pharmacy, wildlife park, zoo, etc. You do not have to have gained experience in all these areas.

BIOMEDICAL ADMISSIONS TEST (BMAT)

All applicants for D101 (except non-EU international students) need to take the BMAT in the year of application. Please see page 63 for further details.

English language requirements: A good working knowledge of scientific English is essential in order to follow the course, which includes a significant proportion of oral instruction and written assessments. Applicants whose first language is not English must have an acceptable English Language qualification.

- IELTS score of 7.0 or above with minimum 6.5 in each component
- Pearson Test of English overall score of at least 65

Intercalated BSc options taught at the RVC



An additional single year of in-depth research and interactive scientific learning, intercalation will give you an opportunity to gain a BSc, as well as a more-rounded education. We run two tailor-made intercalated BSc courses at the RVC. These are available for intercalation by second and third year veterinary, medical or dentistry students.*

INTERCALATED BSC COMPARATIVE PATHOLOGY: UNDER THE MICROSCOPE

This degree provides a unique opportunity for students to experience first-hand the excitement of comparative pathology, and its far-reaching scientific relevance. The intercalated programme is designed to stimulate curiosity at the boundaries of research in pathology. While the BVetMed course provides adequate pathologic information to support subsequent clinical studies, this degree focuses and expands on the subject in a way which will support subsequent pathology-oriented careers.

You will be taught by an extensive range of scientists and pathologists who are knowledgeable from their own experience of animal disease, pathology and research.



A YEAR OF DISCOVERY

This programme includes one compulsory taught module: Veterinary Pathology; and a choice of two optional modules: Infection and Immunity or Disease Investigation.

The modules can accommodate up to 14 students, which makes the learning environment more personalised than is possible on standard veterinary degree courses. Teaching is usually a mix of seminar presentations, small group learning (including directed learning), practicals and tutorials.

RESEARCH PROJECT

In addition to the taught modules, you will do a personal research project. This accounts for half of the intercalated degree programme. You will have a choice of a wide and engaging range of projects with a pathology bias, including studies based on cell & molecular biology, pathophysiology, infection & immunity and models of disease.

HOW TO APPLY

To find out more about this course and how to make an application, please visit our website at: www.rvc.ac.uk/study/undergraduate/intercalated-bsc-comparative-pathology

For more information about applying to the RVC, turn to page 86.

**Intercalated BSc Comparative Pathology is only suitable for veterinary students*

“Gain a passion for biomedical research”

INTERCALATED BSC BIOVETERINARY SCIENCES: UNDER THE MICROSCOPE

Featuring a demanding programme of advanced research, this course is aimed at second and third-year veterinary and medicine undergraduates. The course enables participants to develop their interests in cutting-edge scientific research and aims to equip students with a passion for biomedical research within the context of a diverse range of species, together with an appreciation of the fundamental principles of bioveterinary disciplines. Students will also gain an understanding of the complexity of comparative biology.

You will be taught by an extensive range of scientists and clinicians who are knowledgeable from their own experience of animal disease and research. This means we will cover virtually every aspect of animal biology, management and disease that is likely to interest you.

A YEAR OF DISCOVERY

This programme includes two taught modules to be chosen from a range of half modules and full modules listed below.

The modules generally accommodate up to 20 students, which makes the learning environment more personalised than is possible on standard veterinary, medical or dental degree courses. Teaching is usually a mix of seminar presentations, small group learning (including directed learning), practicals and tutorials.

Half modules

- Advanced Concepts in Biobusiness
- Endocrine & Metabolic Syndromes
- Parasitology of Tropical Human & Veterinary Diseases
- Practical Investigative Biology
- Wild Animal Biology
- Concepts in Reproduction
- Development and Disease
- Advanced Skeletal Pathobiology
- Epidemiology: The Big Picture
- Genetics in Action

Full modules

- Animal Behaviour & Welfare
- Comparative Animal Locomotion
- Comparative Models of Disease
- Infection & Immunity
- Prevention versus Cure

RESEARCH PROJECT

You will also complete a personal research project, which accounts for half of the intercalated degree programme. You will have a choice of over 70 different projects, from a broad range of specialisation including locomotion, reproduction, cell & molecular biology, physiology, epidemiology, infection & immunity.

Several of these research projects contribute to publications every year either as conference abstracts or as full articles in peer-reviewed journals.

HOW TO APPLY

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