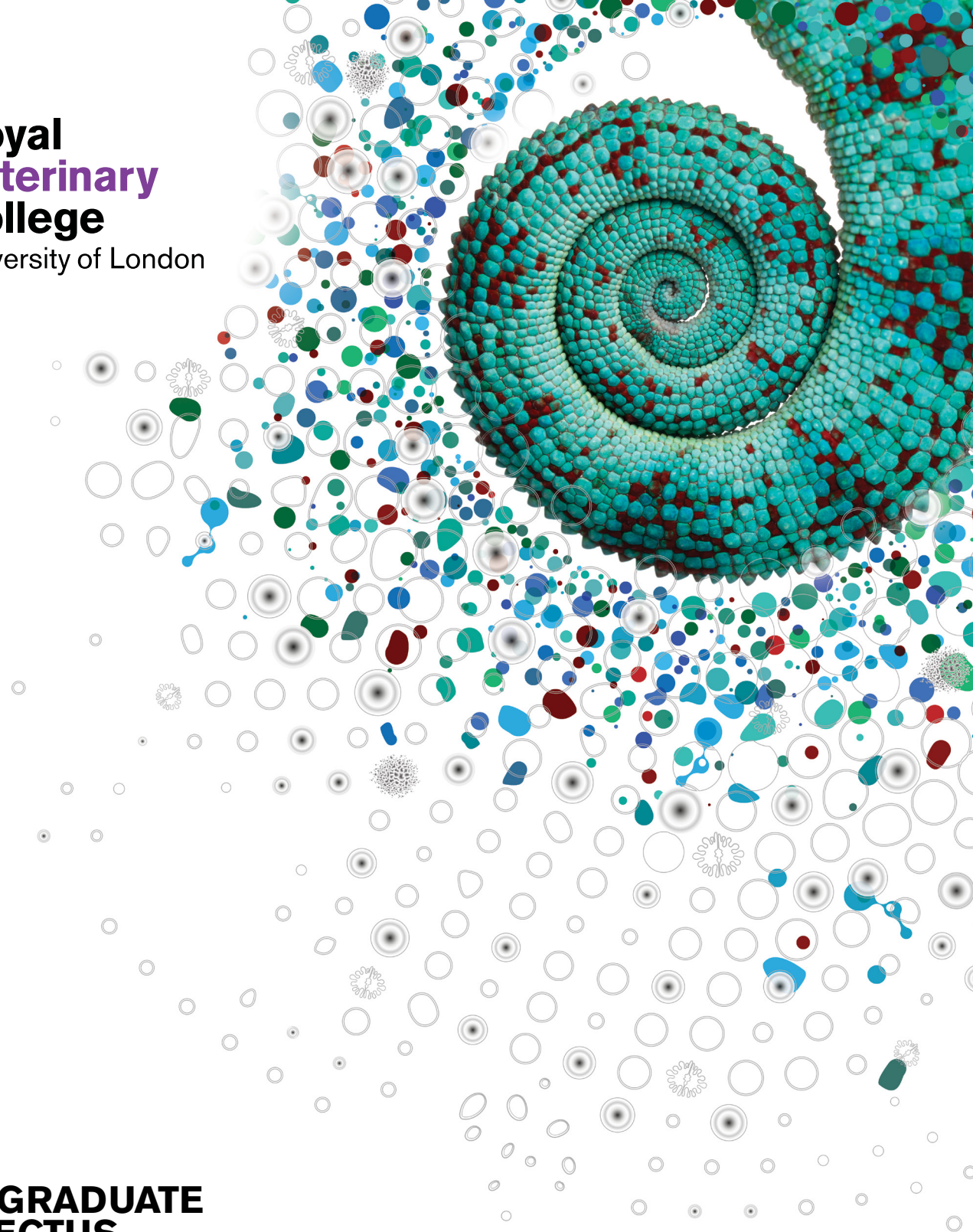
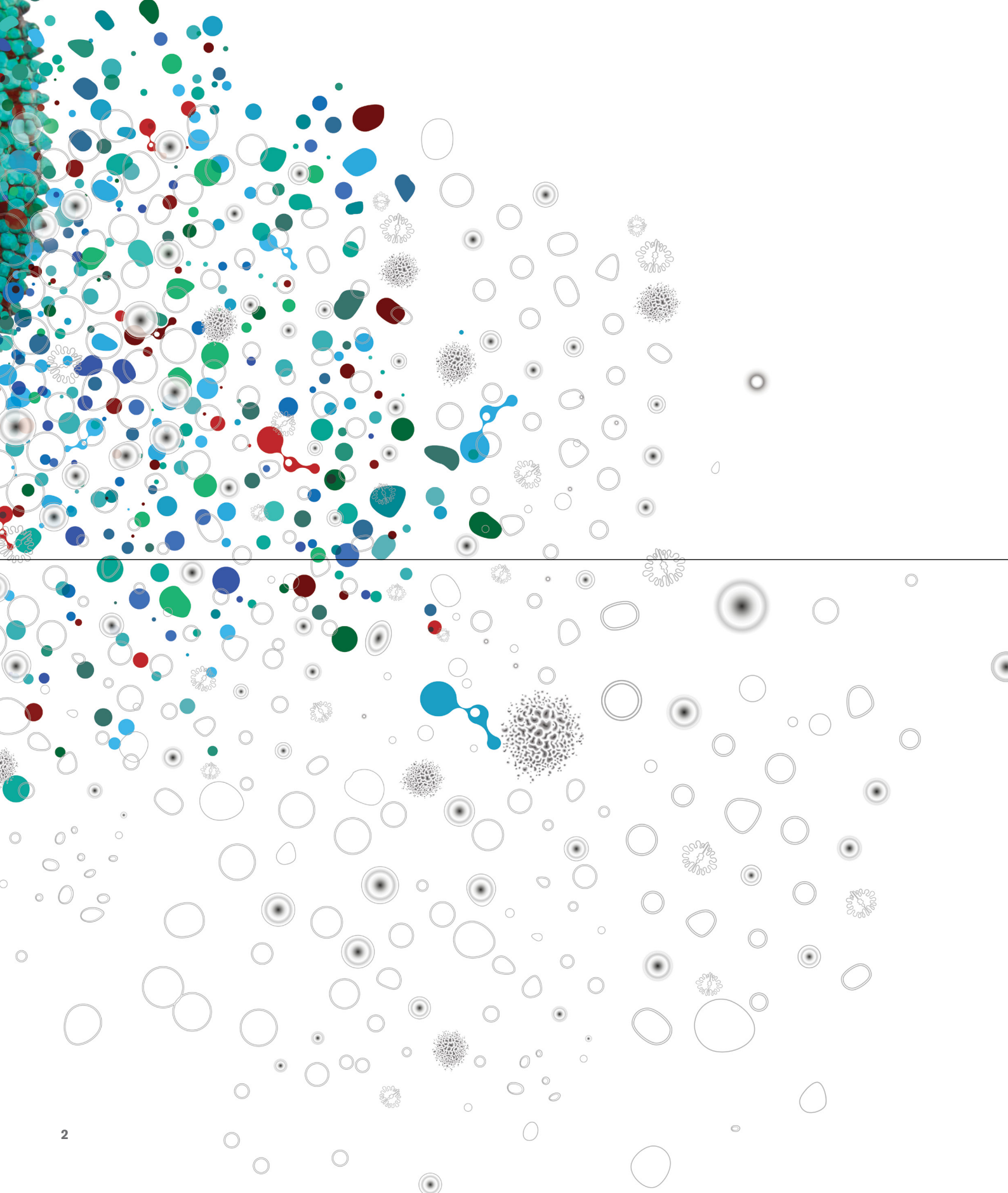
RVC

Royal Veterinary College
University of London



UNDERGRADUATE PROSPECTUS

2019-20



HISTORY-MAKING
WORLD-LEADING
LIFE-CHANGING
RVC

CONTENTS

ALWAYS OUTSTANDING

We are convinced that we offer you some of the best biosciences, veterinary medicine and veterinary nursing training in the world, but if you are in two minds about where to study, let us explain why…

1791

We have been serious about science for over 227 years

Gold award in the Teaching Excellence Framework (TEF) for the quality of teaching and learning, integrated student support, involvement of academic staff and our engagement with employers

Want hands-on experience?
The RVC runs three animal hospitals, two first opinion practices, including an exotics service, and our own farm

We provide the best quality courses of all UK universities as ranked by our students (National Student Survey 2017)

The highest ranked university in London for student experience, and highest in the UK with an accredited veterinary programme
(Times Higher Education's Student Experience Survey 2017)

Graduate with experience of working at the largest small animal referral hospital in Europe, with Europe's greatest concentration of 95 veterinary specialists (from over 20 countries)

Our courses are internationally recognised – graduate from the RVC and you could work almost anywhere in the world

Based in London, ranked as the top student city in the world (Times Higher Education's Student Experience Survey 2017)

We own the London BioScience Innovation Centre (LBIC) – home to over 40 biotechnology and life science companies from small start-ups to established players

The RVC holds accreditation from AVMA, EAEVE, RCVS and AVBC, as well as recognition from the Royal Society of Biology

WHY YOU SHOULD STUDY AT THE RVC

GETTING WORK READY

You will learn collaboratively across the College, applying your knowledge to real-world problems either in research or to cases in our animal hospitals and practices.

EXPERT KNOWLEDGE

Our teaching staff comprises internationally renowned researchers, clinicians and experts, supported by industry-leading equipment and facilities.

COMMUNITY

You will become part of the RVC community. A community that is serious about science, and is welcoming, supportive, inclusive and open to all.

BEST OF BOTH WORLDS

Our courses are split between the energetic city of London and the picturesque countryside in Hertfordshire, providing you with the best facilities to learn, and the opportunity to connect to London's scientific hub.

INTERNATIONAL

We have a vibrant international community, with students from 54 countries and staff from 95 countries.

PRINCIPAL'S WELCOME

Welcome to the RVC

"Joining the RVC means you become part of a heritage going back over 227 years. It also makes you a member of a specialist institution that leads the way in putting students at the heart of everything we do. As the top ranked UK university for student satisfaction in the 2017 National Student Survey, and first in London in the Times Higher Education survey, we promise you an unparalleled experience and I am delighted that you are considering joining us.

"The RVC has always been at the forefront of veterinary medicine and animal health, and the award of Gold Status in the Teaching Excellence Framework is testament to our constant efforts to innovate in the delivery of our curricula to our students. Based on an excellent track record in veterinary and comparative biomedical research, we advance our mission of discovery, dissemination and delivery in all of our programmes.

"We are an international organisation and welcome students and staff from all over the world, providing them with opportunities to learn and develop. With accreditations from all of the major global authorities – UK, EU, USA and Australasia – you can be confident that as an RVC graduate you will possess the expertise and knowledge, as well as the competence and confidence, to work in your chosen field anywhere in the world. Committed to a progressive agenda of equality and diversity, we look forward to helping you achieve your career aspirations.

"So, welcome to London, welcome to the RVC."

Professor S. W. J. Reid, Principal

TEACHING AND LEARNING

TEACHING

We have three outstanding academic and clinical departments. Each department consists of highly qualified, award-winning academics who are also world-renowned researchers and clinicians that are passionate about their fields. You are assured teaching of the highest standard.

Comparative Biomedical Sciences combines teaching and research in various fundamental science disciplines including anatomy, biochemistry, molecular and cellular biology, pharmacology, genetics and physiology.

Clinical Sciences and Services covers the real-life work carried out in our animal hospitals. We treat more than 20,000 patients each year, providing a valued service for the general public and referring vets. Our clinicians are also teachers, and our veterinary medicine and veterinary nursing students have the opportunity to gain experience working alongside our outstanding clinical professionals.

Pathobiology and Population Sciences is home to teaching and research in pathology, microbiology, immunology, production animal (also known as farm animal, food animal or livestock) medicine, animal welfare, epidemiology, economics and veterinary public health. The department also operates a diagnostic laboratory service and runs postgraduate training programmes (residencies) in clinical and anatomic pathology, epidemiology, farm animal health and production and wild and zoo animal population health.

LEARNING

Biosciences

Our biosciences courses follow a 'pathway' approach. This means that in your first year, you study a broad range of modules providing you with a fundamental understanding of biosciences. As you progress through your course, additional study options become available to you, culminating in a final year research project that provides you with the opportunity to choose, with a supervisor, the subject of your choice for further study.

Veterinary medicine

Veterinary medicine is a strand-based course that follows a 'spiral' curriculum. This means that key concepts are presented repeatedly to you as you progress through the course, at deepening levels of complexity and in different contexts. The progression of knowledge and understanding from preclinical basic concepts to clinical knowledge and reasoning skills is achieved by revisits to each strand at different stages of the course.

For example, when learning about the kidney, you will learn basic anatomy and physiology during the preclinical phase of the course and then learn about the common diseases of the kidney and how they are diagnosed and treated during the clinical phase. This is then enriched by working with animal patients presented with kidney disease in our first opinion and referral hospitals, or other practices, during clinical rotations and extra-mural rotations.

Veterinary nursing

Veterinary nursing programmes provide you with opportunities to develop a range of practical, personal and supervisory skills whilst gaining the underpinning academic knowledge required to work in veterinary practice.

Each successive year incorporates new information with increasing complexity whilst building upon, and referencing back to, existing knowledge and skills. This 'spiral' approach encourages logical knowledge acquisition and critical understanding of simple to more complex theories and clinical tasks, as well as gradual development of problem solving ability.

RESEARCH

We attract leading biological and veterinary scientists who work together in interdisciplinary teams on ground-breaking research.

Our research is of the highest quality and has an impact on the health and welfare of humans and animals around the world. The approach extends from the molecular level to the whole animal or population of animals. Underpinning research across these themes are animal welfare, biomechanics, genetics, bioinformatics, pathology, epidemiology and public health.

Research makes up a key part of our biosciences degrees as well as select veterinary medicine and veterinary nursing courses.

TEACHING EXCELLENCE FRAMEWORK – GOLD

We were awarded with TEF Gold Status in 2017 – the highest a university can achieve. We were awarded Gold for:

- personalised learning and our approach to student support
- focus on veterinary science through pioneering clinical activity and structured work-based learning
- tailored approach to student learning, achievement and welfare
- academic staff who are engaged with developments from the forefront of research and professional practice
- delivering research opportunities for students who are consistently and frequently involved
- course design and assessment practises

"We think our courses are really special because of the amount of hands on, practical activity we are able to offer our students.

"On our BSc biosciences courses, you will undertake investigative projects in both the second and the third year and we also offer MSci courses, that has a fourth year dedicated to research, with opportunities to undertake these inside or outside the college. There are also opportunities to carry out research projects throughout the summer, and you can also undertake a placement year outside of the RVC, leading to a separate Certificate in Work-Based Learning and Research."

Charlotte Lawson
Course Director for BSc/MSci Biological Sciences and Bioveterinary Sciences

LEARNING RESOURCES

We have a wide range of facilities tailored to your learning needs, aimed at making your study as optimised and in-depth as possible. We continue to upgrade and develop resources to improve the learning experience, to fully utilise new technologies, and to support your self-directed learning.

RVC Learn
A virtual learning environment that houses materials such as lecture notes and slides, enabling you to participate in online tests and directed learning sessions, to collaborate with your classmates, and communicate with your tutors.

Echo360
A lecture capture service so that you can revisit past lectures. Great for catching up, revising and for going back over complicated subjects, you can view your recorded lectures from the comfort of your own home.

RVC App
Quick and easy access to RVC resources, as well as timely updates and notifications about special events. The app can be downloaded through the App Store and on Android.

Library
Split across our two campuses, the library has facilities for group and individual study, with computer workstations and an extensive range of learning materials such as textbooks, journals and electronic resources. The library is also a great place to study outside of your scheduled timetable.

SCOUT
Search Content OUT is a one-stop solution for the discovery and delivery of books, e-books, journal articles, and digital resources.

Getting connected
On campus you can connect to the secure, wireless internet service 'eduroam'.

Software
You will have free access to Microsoft Office 365 and specific course-based software.

FACILITIES

Whether you are discovering new subjects in our lecture theatres, or applying your knowledge in a practical scenario, we have the facilities to provide the best possible learning environments for scientists, veterinary surgeons and veterinary nurses.

Practical environments

A fundamental part of our courses is the practical experience you gain that will prepare you for your career once you have graduated. We believe that is critical to your development that you are able to apply your theoretical learning in a practical environment, and in some situations, to real-life research or client cases.

Laboratories: You will find laboratories and microscope rooms situated in both campuses, with all the equipment you will need for your course.

Clinical: Depending on your course, you can gain practical experience in our three animal hospitals, two first opinion practices, including an exotics service, and our own farm.

LEARNING TECHNOLOGIES

Our innovative curriculum is complemented by a number of technologies we have made available to assist your learning.

On-demand lectures: Our Echo360 programme allows you re-watch or catch up on lectures by providing a recorded lecture through our virtual learning environment.

Live streams: Lectures and events are live-streamed and available to view on demand.

Virtual learning environment: RVC Learn allows you to work remotely, submit work online, and access course materials as and when you need them.

Visual classrooms: Display screens in classrooms for small groups to provide a clear visual aid to intricate aspects of your course, including dissections and microscopic images being worked on by lecturers and tutors.

"It is fantastic to have a small animal, equine and farm hospital on site as many vet schools do not have these and have to send students to external facilities."

Jessica La Brooy,
Bachelor of Veterinary Medicine

FIRST OPINION ANIMAL HOSPITAL

Our first opinion animal hospital is based at the Beaumont Sainsbury Animal Hospital at our Camden Campus. The hospital offers a full range of services for dogs, cats, rabbits, reptiles, birds and other small animals, from vaccinations and neutering to medical diagnosis and life-saving operations.

Our dedicated team are committed to providing excellent care and treatment. Each member of our team has a special interest in particular fields, such as dentistry, diagnostic imaging, medicine, surgery and exotic species. This means all species receive expert treatment by genuinely interested and caring practitioners.

If you are studying veterinary medicine, you will have the opportunity to participate in all aspects of client and patient care under the supervision of experienced veterinary surgeons and registered veterinary nurses.

The practice is a leading centre for veterinary nurse training, and if you are studying veterinary nursing, you will have the opportunity to support the nursing team in the care of animals and client services under the supervision of qualified veterinary surgeons and experienced registered nurses.

Services

- Puppy and kitten health checks
- Vaccinations
- Neutering
- Examinations, advice and treatment for unwell pets
- Advanced diagnostics for illness or injury
- Surgical procedures and diagnostic imaging
- Specialist exotics service

SMALL ANIMAL REFERRALS

Our small animal referrals service is based at the Queen Mother Hospital for Animals at our Hawkshead Campus. The hospital is the largest full service referral hospital in Europe, with the greatest concentration of veterinary specialists and specialists-in-training (95 from over 20 countries).

We offer a responsive, friendly and helpful service to referring vets and pet owners 24 hours a day, 365 days a year. Our world-class specialists and clinicians treat over 9,000 animals each year, leading the way in clinical practice and are at the cutting-edge of veterinary medicine.

Veterinary medicine students will have the opportunity throughout the Clinical Extra-Mural Studies part of the course to work and learn in the small animal referrals hospital. You will dedicate time to gaining practical clinical experience with real life cases, consolidating your learning about diagnosis and management of animal diseases.

Veterinary nursing students will also work and learn in the small animal referrals hospital, developing practical care skills, client care, and management.

The experience gained in our hospitals will expand your knowledge and understanding of how veterinary practices and organisations operate, and help you develop your soft skills and become confident in case management. This is a vital part of graduating from your course ready for work.

Services

- Emergency referrals
- Animal behaviour clinic
- Cardiology
- Critical care
- Dermatology
- Diagnostic imaging
- Internal medicine
- Neurology and neurosurgery
- Oncology
- Ophthalmology
- Orthopaedic service
- Physiotherapy and rehabilitation
- Soft tissue surgery
- Anaesthesia and analgesia

"I felt that I was a really good fit for the RVC when I saw how amazing the animal teaching hospital was.

"It is the biggest in Europe and the clinicians are absolutely amazing. They are so happy to talk you through cases. The clinicians are at the forefront of their field and that is something that I was interested in being a part of. I feel confident going into practice as a competent new graduate."

Elizabeth Kaladeen,
Bachelor of Veterinary Medicine

EQUINE HOSPITAL

Our equine hospital is located at the Hawkshead Campus with a long and rich history in equine health management. The hospital combines world-leading research with the largest number of RCVS recognised equine specialists of any UK veterinary teaching hospital to provide a 24-hour emergency and referral service. We also operate a first opinion equine only ambulatory practice that is backed up by the most advanced techniques, patient care and facilities.

Committed to educating equine vets and specialists of the future, veterinary medicine students will be involved in cases at the equine hospital, where you will be working with the equine team responsible for delivery of care for patients. You will also receive training in the primary care of equine patients in the ambulatory practice – experience that provides you with the essential building blocks, known as 'day one skills', for your transition into practice after successfully completing your course.

Primary care services

- Routine healthcare
- Emergency care
- Examinations
- Studwork and AI
- Exports
- Passports and microchips
- JMB measurement
- Mobile facilities
- Diagnostic laboratories
- Farriery

Specialist referral services

- Lameness investigation
- Orthopaedic surgery
- Soft tissue surgery
- Emergency and critical care
- Advanced dentistry
- Colic surgery and post operative management
- Neonatal foal medicine
- Ophthalmology
- Cardiology
- Advanced diagnostic imaging

BOLTONS PARK FARM

Based near the Hawkshead Campus in Hertfordshire, Boltons Park Farm has been an essential part of the RVC's activities for over 45 years.

The farm consists of 200 hectares of mainly grazing grass and 20 hectares of ancient mixed woodland along with the younger woods that we have planted over the years.

Boltons Park Farm is home to 100 Holstein Friesian cows milking at the farm and a further 70 heifers that will join the herd as milking cows after their first calf at around two years old. For most of the year, the herd grazes outside during the day and comes inside at night.

Also on the farm are 500 sheep of mixed breeds that mostly graze all year in the fields adjacent to the Potters Bar Golf Club. Our Norfolk Bronze and Black turkey flock are reared in environmentally enhanced conditions – the breed is ideal as it suits our rearing system well, is slow growing, and produces a beautiful product.

Services

Boltons Park Farm is our farm animal practical teaching facility. All veterinary medicine students will visit the farm at certain stages of the course. The farm is also a good source of extra-mural placement opportunities. You will carry out various activities here, such as:

- Weekly herd health visits
- Lambing practical sessions and night watch
- Lameness scoring
- Emergency vet visits
- Rectal classes
- Elective projects and presentations
- Feeding and nutrition classes
- Routine testing
- Animal handling practical sessions
- California milk testing
- Cattle and sheep foot trimming
- Animal welfare sessions
- Poultry handling and management farm appraisals
- Turkey stunning and plucking at Christmas

STUDENT LIFE

Life on campus

Our campuses are an energetic mix of undergraduates, postgraduates, clinicians, researchers, specialists, academics and staff that blend together in our welcoming, inclusive community. There is an abundance of communal space where you can socialise and relax as well as social learning spaces outside of the classrooms, labs and lecture theatres.

Our Camden Campus has a restaurant on the lower-ground floor, open to all students throughout the day. The Campus also has a café and social space situated in the Lightwell. Our Hawkshead Campus has a restaurant, and a café situated in the Eclipse building for refreshments and light meals.

Both campuses have their own bars - The Buttery, our small but mighty bar at the Hawkshead Campus, has been around since 1960, and The Haxby, a more recent addition to the Camden Campus.

Get involved

Social life is crucial to the great student experience you will have at the RVC. The Students' Union will help you find fun and friendship from the moment you step foot on our campuses, through clubs, societies, events and activities.

Enrichment

Fancy stretching yourself in other areas? We offer you opportunities to attend various training courses. Also on offer are arts classes, the Zoological Society (affiliated with the Zoological Society of London), Choir and a range of clinical clubs. Yoga, meditation and various other classes are available to take your mind away from the day-to-day stresses of being a student.

Sport

From badminton to wakeboarding, we probably have the most diverse range of sports of any of the small and specialist colleges in the University of London (UoL). We have a number of amazing sport and fitness facilities, such as our new Sports and Wellbeing Centre and our multi-use games area. And if we don't satisfy your specific sporting needs, you're welcome to use the facilities at any other UoL college.

We currently have over 600 regular participants in sports, with clubs catering for all abilities from experienced players to complete novices – so if you fancy trying something new, you'll always be welcome.

All of our teams have the option of competing in leagues against other London universities, and we're proud to say that the RVC is well known for punching above its weight when it comes to sporting success!

Get out there

The Students' Union social secretaries are dedicated to bringing you the best in RVC entertainment as well as joint events with other universities. There is so much to see and do in London, and our Students' Union will always be able to point you in the right direction.

STUDENT SUCCESS

When you start your studies at RVC you have already taken a big step forward towards achieving your goals. As you move through your course there will be new challenges that help you discover your strengths, and challenge you to think differently to achieve success.

Study skills support

Our Educational Development team can support you to achieve your academic goals, offering study skills support in a variety of formats to suit you whether this is in groups, individually or online.

The team will work with you to develop study skills and learning habits that will not only help you graduate, but will enable you to become a lifelong learner. This will further your understanding in what you need to do for your reading, coursework, presentations, clinical work, research and placements, and will help you to think about doing things in new ways.

Careers and employability support

RVC Careers supports you in developing your employability potential. We offer workshops and events tailored to your course to support you in becoming aware of professional skills that are useful in a variety of different careers, as well as support in making career decisions, finding work experience, applying for jobs after graduation, and connecting with employers.

We also provide one-to-one appointments with our expert Careers Consultants and Application Adviser, where you can discuss career pathways and receive guidance on submitting applications in a confidential setting. You can access a range of bespoke careers resources on RVC Learn to get the information you need to make the next step.

After graduation you can continue to use the careers service for up to two years to support you as you start your career.

SUPPORTING YOU

ADVICE CENTRE

The Advice Centre team offers impartial advice, information and support through a variety of services, including assistance with finance, accommodation, disability and learning differences, and much more to enable you to live well and be well.

The Centre has student advisers, specialist staff and external consultants available to support you throughout your time at the RVC. There is an Advice Centre at each campus, so support is available wherever you are based.

Finance

Our Money and Welfare Adviser offers information and guidance on financial issues and monetary concerns including student loans, grants, bursaries, debt, benefits and budgeting. **www.rvc.ac.uk/moneymatters**

Housing

Student Advisers can assist you in finding, moving or living in various types of accommodation. Additionally, the University of London Housing Service can assist you if you are looking for, or are living in, private rented accommodation in London. This includes finding accommodation, contract checking, and free legal advice. Talks and surgeries are held each term at the RVC.

DISABILITY, SPECIFIC LEARNING DIFFERENCES (SPLD), AND LONG-TERM HEALTH CONDITIONS

Our Disability Adviser offers information and guidance about support available for disabilities, learning differences and long-term health conditions via the government funded Disabled Students Allowance (DSA). A comprehensive guide is available on our website. **www.rvc.ac.uk/spld**

MENTAL HEALTH SUPPORT

Counselling

Student life, studying and professional training can be both exciting and stressful. Our counselling services can help you to explore any difficulties you are experiencing, and develop a different understanding of how your feelings, thoughts and behaviours may be preventing you from making the most of your time at the RVC.

Our Counsellors are professional BACP accredited, and counselling services are confidential and free.

Specialist mentoring

Mentoring can help you to reach your full potential as support can be tailored to your individual needs. If you have a long-term mental health condition, you may find having a mentor throughout your time at the RVC particularly helpful.

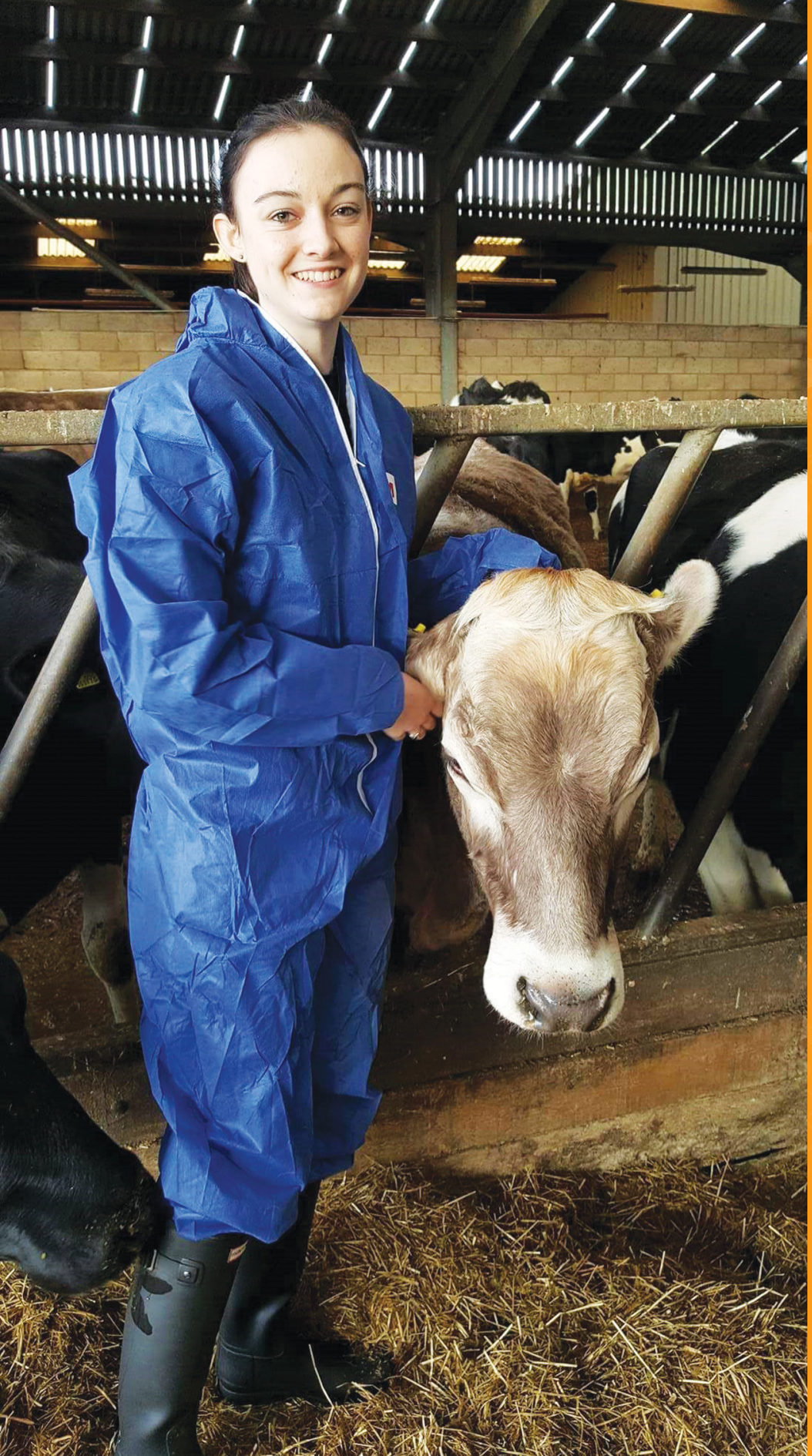
The RVC works with the University Mentoring Organisation for most of our mentoring, and mentoring may be funded through DSA.

Psychologist

A weekly Psychology Clinic is offered across both campuses if you have more complex or long-term issues that you would like to discuss. This is a free and confidential service.

CHAPLAINCY

Our Chaplain and Interfaith Adviser offers independent support and advice to everyone who seeks it, regardless of religious belief or none. The Chaplain can offer faith advice and support when asked, and can refer you to various faith communities nearby. Prayer and Quiet Rooms are available at both campuses for individual prayer or reflection.
www.rvc.ac.uk/chaplaincy



“I am dyslexic and dyscalculic, and I find it difficult to concentrate in lectures. I find Echo very useful as it means that my lectures are recorded. I feel a lot calmer knowing I can go back to it and re-watch it at my own speed. Having the lectures available online like this is a really good resource.”

Ceri Chick,
MSci Bioveterinary Sciences

STUDENTS' UNION

The Students' Union provides a range of services, support, social activities and student development opportunities.

As soon as you start your course at the RVC, you can get involved with everything the Students' Union offers, from sports clubs, societies, volunteering opportunities, student support, nights out, and advice. The Students' Union is a big part of life on campus, providing opportunities to get involved whatever your interests.

However, it is not just fun and games. The Students' Union represents our students. This means talking to us about how we can improve student life, addressing concerns of our students, and generally making your time at the RVC as best as it can possibly be.

Our Students' Union has representatives for each course as well as for a range of issues across the College, including equality and diversity, student welfare, sports, entertainment, environment and more.

Find out how you can get involved **www.rvcsu.org.uk**

MEET THE STUDENTS' UNION PRESIDENT

"I am incredibly proud to call myself a student of the RVC and I have loved every minute of my time here so far. As the Students' Union President, I work to make sure all students enjoy their university experience just as much.

"The RVC's approach to teaching is internationally renowned and its attitude towards student experience is gold standard, the opportunities available when you study here are endless. From lectures delivered by clinicians working in the referral hospitals, to research opportunities with academics that are experts in their field, all staff are motivated to produce the best graduates possible, and drive every single student to reach their full potential.

"The Students' Union boasts a wide range of opportunities that enhance university life. We run sports clubs, societies, campus bars, and various social events throughout the year.

"We also train and lead course representatives on all programmes of study to allow student-led feedback for changes in teaching to suit your needs. In addition, our dedicated welfare team are in place to support you through your course highs and lows. And if there's something we are not doing that you think we should be, you can change that!

"At RVC, students take pride in being part of a close-knit community of like-minded people and we hope to welcome you very soon."

Christina Paish
RVCSU President 2017-18

SPORTS AND WELLBEING CENTRE

The newly-opened Sports and Wellbeing Centre is situated inside the Hawkshead Campus. The Centre combines traditional features of a regular gym alongside new equipment including a nine-metre climbing wall, an impressive sports hall, a dance and aerobics studio, and a fitness room.

Exercise is known to reduce stress and anxiety levels, so our facilities and activities have been designed to appeal to a range of individuals and abilities by being stimulating and challenging, but are 'fun to try'.

The Centre is free to use and is open seven days a week.

Facilities

- Sports hall for badminton, netball, basketball, football and more
- Gymnasium
- Dance and aerobic studio
- Climbing wall
- Changing rooms and team changing rooms
- Social areas including a table-tennis table and Batak

OUR CAMPUSES

CAMDEN CAMPUS

Our London campus is in Camden, one of the most creative and stimulating areas of the city. Famous for its markets, vibrant culture and music venues, Camden is an exciting place to experience student life. It is also home to a beautiful canal and lock, Regent's Park, ZSL London Zoo and the iconic Roundhouse music venue.

Our historic Camden Campus is where veterinary medicine students will spend their first two years. Veterinary Gateway students will also be based here, along with the first year of the Graduate Accelerated programme. Biosciences students study at the Camden Campus throughout their course.

Academic facilities

On campus there are teaching and research laboratories, a learning resource centre, and a dissection room. There is also a large lecture theatre, group-learning rooms, quiet study rooms and a library.

Student facilities

At the heart of the Campus is the Lightwell, a bright and open café where you can have coffee next to a full size elephant skeleton!

Above the Lightwell is the Pod. This social learning space hangs above the café and provides students with a quiet, comfortable area to work in, either on your own or with classmates. On campus is a student gym, split across two rooms, and is free to use for all students.

Anatomy Museum – a treasure trove of veterinary history and animal anatomy can be found on campus in our fascinating museum.

First Opinion Animal Hospital – offering a range of services for pets, including an exotics service.

London Bioscience and Innovation Centre (LBIC) – the home of over forty biotechnology and life sciences companies, from small start-ups to established, global players.


VENIENTI OCCURRITE MORBO
THE ROYAL VETERINARY COLLEGE
THE ROYAL VETERINARY COLLEGE
4
4

LIVING AND LEARNING IN LONDON

London is ranked as the number one student city in the world (Times Higher Education, 2017), and the only city in the top three to have an English-speaking veterinary school; the Royal Veterinary College. From world-renowned museums and galleries to beautiful green parks, and transport links to the rest of the UK and Europe – it is easy to see why!

We have been based in Camden since 1791, and since then we have grown from a horse infirmary with a handful of students to a science-based institution, producing internationally renowned veterinarians, clinicians, scientists and researchers.

Many things have changed around us since then, but the one thing that has stayed the same is the international appeal of one of the world's greatest cities – London.

Getting around

Getting in and around London is made simple by the range of public transport links available. Our campus in Camden is situated on the London Underground's Northern Line, and is also connected by the London Overground. It is a short walk from London King's Cross St. Pancras, the transport hub of London, with overground, underground and bus links to reach just about anywhere in London, as well as the Eurostar, allowing quick travel to mainland Europe.

There are a number of bus routes that connect Camden to the rest of Central and North London, and public bicycles are available outside our campus.

"I'VE TOTALLY FALLEN IN LOVE WITH LONDON. IT IS AN AMAZING CITY FULL OF VIBRANCY AND LIFE. EVERY BOROUGH BRINGS ITS OWN FEEL AND ENERGY.

"My one piece of advice to any future RVC students is to make the most of being in Europe! Since I have been here, I have been to Spain, Portugal, France, and Italy and have plans to head to Cyprus this year.

"It is amazing to be able to go all the places I have dreamed about going to for most of my life. From London, they are just a few hours' flight or train ride away, and the cost is really affordable. I have also been to Ireland and Scotland which are amazing countries and even closer. The great thing is I still get back home once or twice a year to visit my family, or they get a treat and come to visit me!"

Jen Oraze,
Bachelor of Veterinary Medicine

"LONDON TURNED OUT TO EXCEED MY EXPECTATIONS, NOT ONLY AS AN INTERNATIONAL CITY, BUT ALSO AS A CULTURAL HUB.

"At university, I have met many like-minded people and I think that studying at a campus in central London provides me with the opportunity to work hard and play hard... and by play hard, I mean going to ballet classes and pursuing my interest in the arts.

"London is a very fun and vibrant city and I love how it has pretty much everything anyone needs – from great museums to cutting-edge laboratories where one can find internships. The sense of community here makes it great for feeling at home and being able to get all the resources and help needed to study."

Jennifer Kwok,
Bachelor of Veterinary Medicine
and BSc Comparative Pathology

OUR CAMPUSES

HAWKSHEAD CAMPUS

The Hawkshead Campus is equipped with facilities tailored to deliver both the theoretical and practical elements of your course. It is where veterinary medicine students are based for the final three years of their course, alongside veterinary nursing students and specialists-in-training.

Academic facilities

The Hawkshead Campus houses modern lecture theatres and laboratories, a large library and learning resource centre. There are also a number of specialist centres on campus, including the Centre for Emerging and Endemic Diseases, Structure and Motion Laboratory, Clinical Skills Centre and Clinical Investigations Centre.

Student facilities

The Campus is considered self-contained, so you will find almost everything you will need, from our brand new Sports and Wellbeing Centre to a restaurant. There is an award-winning student village, a refectory and a large outdoor sports facility.

You will also find The Buttery, a campus bar for students to relax in after a day of study or clinical work, as well as Students' Union facilities.

Small Animal Referrals Hospital – one of the largest and most advanced veterinary hospitals in the world, treating over 9,000 cases each year.

Equine Hospital – our equine practice has a long and rich history in equine health management, combining world-leading research with the largest number of RCVS Equine Specialists of any UK veterinary teaching hospital, 24-hour emergency and referral services, and a first opinion equine only ambulatory practice.

Farm Animal Clinical Centre – a comprehensive clinical service in the diagnosis, treatment and care of individual farm animals and camelids.

Boltons Park Farm – our farm animal teaching facility is located a short distance away from the main campus. The farm has 200 hectares of mainly grazing land, as well as 20 hectares of ancient mixed woodland.


RECEPTION

LIVING AND LEARNING IN HERTFORDSHIRE

Hertfordshire is a green and peaceful region, with a range of towns and villages embedded in the countryside. Our 575-acre self-contained campus is situated near Potters Bar, and has good transport links into London so you are never too far away from the bustling city life.

Getting around

Getting in and around Potters Bar and the surrounding area is made simple by a number of public transport routes serving nearby bus and train stations. Potters Bar train station is situated on the main Great Northern railway line and frequent trains run to and from London King's Cross to Cambridge and Peterborough, stopping at Potters Bar.

The RVC runs a free and frequent shuttle bus from Potters Bar train and bus station to the Hawkshead Campus. The shuttle bus runs throughout the year, including summer, and runs on weekdays and weekends. Taxis are also available at the station.

There are some of the country's best cycle and footpaths in Hertfordshire, allowing you to travel easily to neighbouring towns and villages, or to explore the countryside.

"HERTFORDSHIRE IS A LOT QUIETER. I LOVE IT!

"Because of the space we have here, you get a real 'campus life'. The library is here, the gym, there is a sports centre, and there are a lot of running nature trails. Having a car makes it easy to go somewhere else.

"The animal hospital is also at the Hawkshead Campus, so when you are on rotations and you need resources to answer a certain question or work up a case, you can just walk across to the library. I like that aspect of it where everything is so close together. You get to know most people and the staff here are really friendly."

Fang Yu Foo, Bachelor of Veterinary Medicine

ACCOMMODATION

www.rvc.ac.uk/accommodation

LONDON

Being in a vibrant city like London is an exciting experience, but only when you know that you have somewhere to live that is safe, affordable, and within reach of our Camden Campus. Fortunately, we have a large number of places available in our on-campus student halls, and in off-campus accommodation. Our affordable student halls vary in size and facilities, matching the way you prefer to live.

COLLEGE GROVE

Location: On-campus, Camden
Room type: Single
Contract: 48 weeks
Price per week: £163.50

MARY BRANCKER HOUSE (UNITE)

Location: Kentish Town
Room type: Single
Contract: 50 weeks
Price per week: £171.46

EMILY BOWES COURT (UNITE)*

Location: Tottenham Hale
Room type: Single
Contract: 42 weeks
Price per week: £187.00

GARDEN HALLS (UOL)

Location: Bloomsbury
Room type: Single
Contract: 40 weeks
Price per week: £195.65

COLLEGE HALL (UOL)

Location: Bloomsbury
Room type: Single
Contract: 40 weeks
Price per week: £214.90 - £248.15

INTERNATIONAL HALL (UOL)

Location: Bloomsbury
Room type: Single
Contract: 40 weeks
Price per week: £202.65

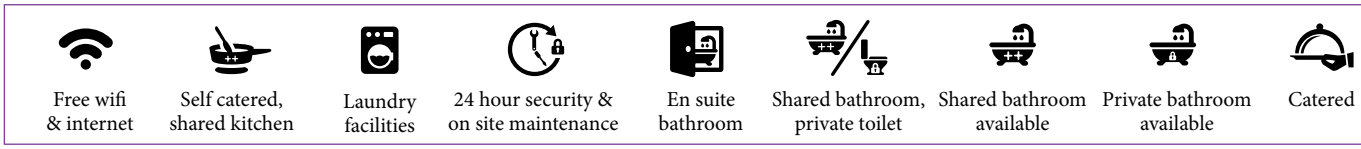
PRIVATE ACCOMMODATION

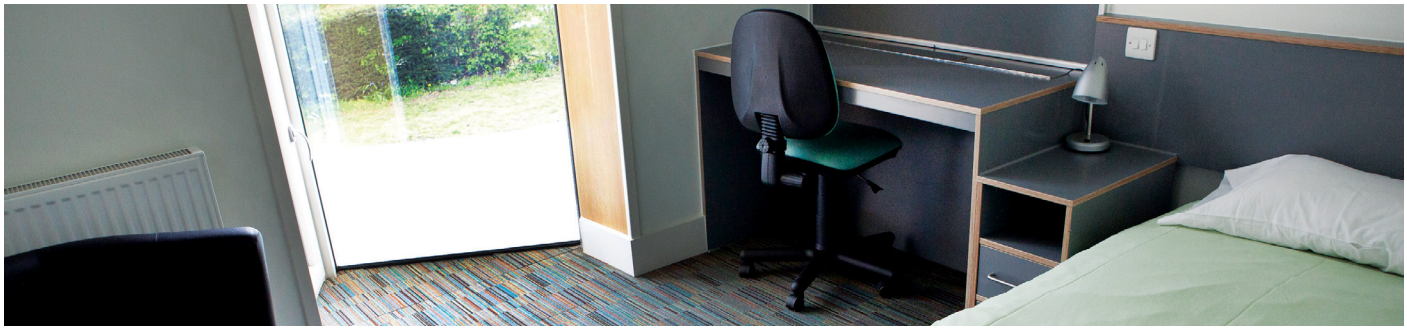
Most students choose to stay in student halls for the first year of study, and typically stay in private accommodation after the first year, once you have had time to make new friends and get a feel for your new surroundings.

However, you can opt to stay in private accommodation throughout your time at the RVC. If you are staying in Hertfordshire, accommodation is available through local letting agencies. If you are staying in London, the University of London Housing Services (ULHS) maintain a landlord registration scheme, operates a contact list for students offering or wanting accommodation, and assists with tenancy agreement, deposit and rent queries.

Find out more **housing.lon.ac.uk**

* Alternative third-party provider may be sourced for subsequent years.





HERTFORDSHIRE

Our self-contained Hawkshead Campus is near Potters Bar, which makes it within easy reach of central London by train, and boasts a restaurant, playing fields, a Sports and Wellbeing Centre that includes a gym, a student bar and just about everything you would want when studying. Our award-winning, on-campus student halls are within easy reach of transport links around Hertfordshire and into London, and the campus is served by a free shuttle bus that runs throughout the week (timetable applies). Our student halls at the Hawkshead Campus are supported by 24/7 security and an on-site maintenance team.

NEW STUDENT VILLAGE

Location: On-campus, Hertfordshire
Room type: Single
Contract: 46 weeks
Price per week: £122.50

COLLEGE CLOSE

(veterinary nursing students only)
Location: On-campus, Hertfordshire
Room type: Single
Contract: Flexible
Price per week: £122.50

ODIHAM HALL

Location: On-campus, Hertfordshire
Room type: Single
Contract: Flexible
Price per week: £122.50

Prices reflect accommodation costs for 2017/18 and may be subject to change.

"MY FLATMATES ARE FRIENDS FOR LIFE!

"I think the whole three years we have lived together is one of my best memories of the RVC. One of my flatmates actually came to Hong Kong to stay with me for three weeks over Christmas.

"We all know that we will be very busy after graduating, but we are definitely going to meet up regularly. I don't think we want to lose each other as friends, absolutely not!"

Sidney Tai Shing Chan,
Bachelor of Veterinary Medicine

BIOLOGICAL SCIENCES

CRITICAL-THINKING • PROBLEM-SOLVING • SCIENCE-LOVING

We are serious about science, and we are proud to have been behind some important advances in the history of animal welfare, disease control, evolution, and human and animal medicine. Our world-renowned experts and exciting research opportunities will give you an unrivalled learning experience to take your knowledge to the highest level and to help shape the future of science.

COURSES

- BSc Biological Sciences
- BSc Bioveterinary Sciences
- BSc Biological/Bioveterinary Sciences with a Certificate in Work-Based Learning and Research
- BSc Biological Sciences (Animal Behaviour, Welfare and Ethics)
- MSci Biological Sciences
- MSci Bioveterinary Sciences
- MSci Applied Biological Research
- MSci Applied Bioveterinary Research
- MSci Wild Animal Biology

www.rvc.ac.uk/biosciences

RANKINGS

RANKED TOP 10

...for biosciences in the UK
(The Guardian University Guide 2018)

93%

...of students satisfied with the quality of the course
(National Student Survey 2017)

98%

...of students found their course stimulating
(National Student Survey 2017)

ACCREDITATION

Biosciences courses at the RVC have received accreditation and advanced accreditation from the Royal Society of Biology. This symbol of excellence is highly regarded by employers and demonstrates our ability to develop your skills and expertise throughout your course. Not only does this mean you will gain an in-depth understanding of the subject, but that you also have the opportunity to contribute to advancements in science through research projects.

BSc or MSci?

A BSc qualification is studied over three years, where you will graduate with a Bachelor of Science degree. This is considered a typical undergraduate degree. A BSc may be the best choice for you if you want to keep your career and education options open after you graduate.

An MSci qualification is studied over four years, where you will spend an additional year completing the learning outcomes of a master's degree. The additional year will also allow you to work on an in-depth research project. An MSci may be the best choice for you if you are looking to gain deeper knowledge of the subject, and open up further career opportunities in the future due to the additional investment in your skills.

If you choose to study a BSc, you can still apply for a postgraduate master's degree (MSc) after you have graduated.

RVET R84 — INSTITUTION
C100 — UCAS CODE
3 YEARS — DURATION

BSc Biological Sciences

C100

www.rvc.ac.uk/biologicalsciences

The BSc Biological Sciences course offers a unique programme of research, unrivalled teaching and some of the best practical facilities in the UK. The programme draws on our long history of cutting-edge research that has contributed to advances in human and veterinary medicine, and explores the fundamentals of biological and biomedical science that are needed to understand and develop new therapies for both human and animal diseases.

COURSE OVERVIEW

The course will give you a clear and detailed understanding of underpinning physiology and cellular and molecular biology, as well as an insight into disease mechanisms and an appreciation of comparative and integrated approaches to aid diagnosis and treatment in the future.

The course explores the basic biological sciences that inform current biomedical research and clinical practice. Biological Sciences is a hands-on course, and includes extensive practical and small-group teaching, as well as lab placements. You will be exposed to cutting-edge research in comparative physiology and medicine, livestock production and health, and animal welfare science and ethics.

"The RVC is a great place to study as they offer a lot of good lab experience, and there are really interesting modules.

"The teaching here is really great, I feel that we are being taught by researchers who are at the forefront of research themselves. It makes a lot of difference to me being part of a small specialist institution as I feel like I get a lot of support from staff and students alike. I feel completely at home."

Aroosa Hashmi, BSc Biological Sciences

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /15
- The enemy without /15
- Principles of pharmacology /15
- Research project

Optional modules:

- Applied pharmacology /15
- Imaging of disease /15
- Introduction to 'One Health' /15

YEAR 3

- Research project

Optional modules:

- Advanced concepts in bio-business /15
- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /15
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

WORK PLACEMENTS

You will carry out investigative research projects in the second and third years of the course, and have the opportunity to undertake an industry-based placement (Certificate in Work-Based Learning and Research). The industry-based placement involves an additional year based at an employer where you can focus on developing work place skills and industry expertise that will sit alongside the knowledge you gain throughout your course. Internal research projects will be conducted at the RVC, with supervision from a member of academic staff.

COURSE COSTS

UK/EU tuition fees: £9,250*

* Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION
D300 — UCAS CODE
3 YEARS — DURATION

BSc Bioveterinary Sciences

D300

www.rvc.ac.uk/bioveterinarysciences

The BSc Bioveterinary Sciences course is a unique blend of the biological sciences relating to animals, the way they work, their health, their diseases and their relationships with humans.

COURSE OVERVIEW

This course aims to equip you with the latest skills for a range of careers in veterinary science, as well as in STEM and non-STEM industries. You will be taught by a range of skilled scientists and clinicians with extensive experience of animal disease and research. We will cover virtually every aspect of animal biology, management and disease that is likely to interest you.

You will require ambition to succeed in the veterinary field and a desire to improve animal health and welfare. We demand high levels of motivation and, in return, promise a rich and rewarding experience during your time with us.

"Originally I wanted to be a vet, but now I am really interested in research. What we are learning is in-depth, and there is a high amount of practical work. At the end of my second year I did a research project in the lab on muscular dystrophy. I took muscle samples, stained them and looked for different protein changes.

"I am currently doing a work placement at Cancer Research UK Therapeutic Discovery Labs. We focus on pre-clinical research – when a principal investigator finds a target that can help cancer, we take that and produce a number of tests to validate it. It is a good aspect of the industry to see.

"I recommend studying at the RVC. It is a small institution, and it allows you to have a close connection to leading researchers in their field. The science here is ground-breaking, the support is great, and I love the atmosphere in London."

Josef Huntington, BSc Bioveterinary Sciences

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /30
- The enemy without /30
- Principles of pharmacology /15
- Research project

Optional modules:

- Applied pharmacology /15
- Imaging of disease /15
- Introduction to 'One Health' /15

YEAR 3

- Research project

Optional modules:

- Advanced concepts in bio-business /15
- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /30
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

WORK PLACEMENTS

You will carry out investigative research projects in the second and third years of the course, and have the opportunity to undertake an industry-based placement (Certificate in Work-Based Learning and Research). The industry-based placement involves an additional year based at an employer where you can focus on developing work place skills and industry expertise that will sit alongside the knowledge you gain throughout your course. Internal research projects will be conducted at the RVC, with supervision from a member of academic staff.

COURSE COSTS

UK/EU tuition fees: £9,250*

* Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION

C101/D301 — UCAS CODE

4 YEARS — DURATION

BSc Biological/Bioveterinary Sciences with a Certificate in Work-Based Learning and Research

C101/D301

www.rvc.ac.uk/workbasedlearning

Our Biological Sciences and Bioveterinary Sciences courses explore the basic biological sciences that inform current biomedical research and clinical practice. In addition to the three-year BSc Biological Sciences or BSc Bioveterinary Sciences course, you will undertake a placement year, usually in your third year, to develop work place skills and industry expertise.

COURSE OVERVIEW

You will spend a placement year working in industry, the charity sector, a government department or research institute. As well as learning on the job, you will be able to develop your employability and research skills, gain an invaluable understanding of the work place and the biosciences sector, and form new contacts – all of which will help you secure your chosen job after graduation.

You will be exposed to cutting-edge fields of research in comparative physiology and medicine, livestock production and health, and animal welfare science and ethics. You will also carry out investigative research projects in the second and fourth years of the course.

"Working within molecular diagnostics was a once in a lifetime chance. I was incredibly lucky to get a placement working in DNA and genetics. During my placement I had the opportunity to evaluate and develop several DNA tests, some of which are now on the commercial market.

"It was fascinating to be involved with the development process from an initial target organism to a fully viable test. Lab book writing, sequence analysis and primer design are just some of the highly valuable and transferable skills I now have, that should put me in good stead for the future."

Kirsty Davies, BSc Bioveterinary Sciences with a Certificate in Work-Based Learning and Research

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /15
- The enemy without /15
- Principles of pharmacology /15
- Research project

Optional modules:

- Applied pharmacology /15
- Imaging of disease /15
- Introduction to 'One Health' /15

YEAR 3

Placement year

- Certificate in Work-Based Learning and Research

YEAR 4

- Research project

Optional modules:

- Advanced concepts in bio-business /15
- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /15
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

WORK PLACEMENTS

The Certificate in Work-Based Learning and Research is achieved by completing a placement project during a placement year, which will form part of your assessment. You are required to be proactive in searching for, applying to and securing your own placement, although support and guidance on finding a placement will be provided in specific timetabled sessions and further advice will be available during lecturers' office hours.

Most placements are salaried and you can expect to earn between £8,000 and £17,000 during the year. A placement sometimes leads to an offer of a position after graduation or future sponsorship for studying a PhD, and you can certainly expect to extend your professional network.

COURSE COSTS

UK/EU tuition fees: £9,250
Industry placement year: £1,850

Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION
D390 — UCAS CODE
3 YEARS — DURATION

BSc Biological Sciences (Animal Behaviour, Welfare and Ethics)

D390

www.rvc.ac.uk/animalbehaviour

Animal welfare is at the heart of our mission, and it is a growing, dynamic field of study. The BSc Biological Sciences (Animal Behaviour, Welfare and Ethics) builds on our international reputation in this field. If you are passionate about animal welfare and wonder why different animals behave the way they do, then this course might be for you.

COURSE OVERVIEW

The course builds on the scientific excellence of our BSc Biological Sciences programme and is taught by staff from our outstanding Animal Welfare, Science and Ethics group. The group works closely with farmers, animal owners, policy makers and welfare charities.

During this programme, you will consider fundamental biological questions using a range of field techniques. These include animal perception and adaptation as well as exploring the practical and ethical implications of animal management and welfare. There will be opportunities to study welfare and behaviour across a range of species, including farm, companion, laboratory and zoo animals.

Part of the final year will be devoted to a major research project, to be carried out either at the RVC or with one of our partners.

"I chose to study this course as biology was my favourite subject at school and I've always wanted to work with animals.

"We have huge lab facilities, plenty of equipment and my favourite thing of all: ponies! I have also had the opportunity to volunteer at ZSL London Zoo, observing and recording animals' behaviour patterns.

"In the future I'd like to bring animal welfare issues to the publics' attention, be that through conservation, physiotherapy, or working in research centres. I think it is better now than it has been for many years as people are much more aware of impacts on animal welfare, but I want to take it further."

Alicia Bunn, BSc Biological Sciences (Animal Behaviour, Welfare and Ethics)

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /30
- The enemy without /30
- Introduction to animal behaviour, welfare and ethics /15
- Research project

Optional modules:

- Principles of pharmacology /15
- Wild animal biology /15

YEAR 3

- Animal behaviour and cognition /15
- Applied animal welfare /15
- Science of animal welfare /15
- Research project

Optional modules:

- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

WORK PLACEMENTS

You will carry out investigative research projects in the second and third years of the course, and have the opportunity to undertake an industry-based placement (Certificate in Work-Based Learning and Research). The industry-based placement involves an additional year based at an employer where you can focus on developing work place skills and industry expertise that will sit alongside the knowledge you gain throughout your course. Internal research projects will be conducted at the RVC, with supervision from a member of academic staff.

COURSE COSTS

UK/EU tuition fees: £9,250*

* Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION
C102 — UCAS CODE
4 YEARS — DURATION

MSci Biological Sciences

C102

www.rvc.ac.uk/mscibiological

The MSci in Biological Sciences is an undergraduate integrated master's degree, the aim of which is to prepare you for a PhD or a career in an academic or industrial research environment, where you will endeavour to make advances in human and veterinary medicine.

COURSE OVERVIEW

This programme allows you to discover and explore all aspects of biological sciences. Modules are structured across the first three years of the course to build a broad base of knowledge, whilst also allowing the opportunity to specialise through optional module selections and research projects in your second and third year.

The fourth year involves an extensive and in-depth research project, together with training in advanced research methods. This will build on your knowledge gained from your first three years and develop your scientific and transferable skills further, making you 'work ready' and able to realise your full potential as soon as you embark on your chosen career path after graduating from the course.

The course will give you a clear and detailed understanding of underpinning physiology and cellular and molecular biology, as well as an insight into disease mechanisms and an appreciation of comparative and integrated approaches to aid diagnosis and treatment in the future.

"The course is challenging, and I am constantly learning new things that I know I can apply to real life and my future career. It is also really fun. I feel in charge of my project – I timetable my own lab time and make sure that I get my work done.

"When I graduate, I would quite like to do a microbiology lab placement or work in blood analysis in a hospital. I am also really interested in pharmacology. Throughout my degree, I have gained other skills such as presenting, communication, team work and problem solving, so I feel that there are so many options available to me."

Sueda Ozbudun, MSci Biological Sciences

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /30
- The enemy without /30
- Principles of pharmacology /15
- Research project

Optional modules:

- Applied pharmacology /15
- Imaging of disease /15
- Introduction to 'One Health' /15

YEAR 3

- Research project

Optional modules:

- Advanced concepts in bio-business /15
- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /15
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

YEAR 4

- Advanced research methods
- Extended research project

RESEARCH

This MSci includes a large research project in the fourth year of the course. Throughout this research experience, you will be challenged by, and stimulated to challenge, the currently accepted wisdom in biological sciences. It is important to note that you will be responsible for developing your hypothesis for your fourth year project.

COURSE COSTS

UK/EU tuition fees: £9,250
Placement/sandwich year: £1,850

Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION
D302 — UCAS CODE
4 YEARS — DURATION

MSci Bioveterinary Sciences

D302

www.rvc.ac.uk/mscibioveterinary

The MSci in Bioveterinary Sciences is an undergraduate integrated master's degree, the aim of which is to prepare you for a PhD or a career in an academic or industrial research environment, for example within the biotechnology or pharmaceutical industries, and for other biological, biomedicine and veterinary-related careers.

COURSE OVERVIEW

This programme focuses on developing your knowledge, analytical skills and practical skills. Modules are structured across the first three years of the course to build a broad base of knowledge, whilst also allowing the opportunity to specialise through optional module selections and research projects in your second and third year.

The fourth year, which comprises an in depth research project, will build on your knowledge gained from your first three years and develop your scientific and transferable skills further, making you 'work ready' and able to realise your full potential as soon as you embark on your chosen career path after graduating from the course.

The course will deliver the underpinning knowledge of animal health and disease, where you will gain a better understanding of current fundamental research questions in biology and applied biomedical and bioveterinary sciences, and you will be exposed to cutting-edge fields of research in comparative physiology and medicine, livestock production and health, and animal welfare science and ethics. The course is particularly suitable for those considering a career in research.

"The MSci will prepare me for when I graduate as I have learned to develop a number of valuable skills. I am training to be a researcher, and I am learning the professional skills behind becoming a scientist.

"My favourite thing about the course is the support I get from my lecturers. They are all friendly and really easy to talk to, and are excited when I ask questions. They are always happy to help.

"I also like that I am able to contribute to research. My dissertation is a part of a wider research project that will be published. It is great to know that my work is making a difference and that the project will be read and learned from in the future."

Ceri Chick, MSci Bioveterinary Sciences

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /30
- The enemy without /30
- Principles of pharmacology /15
- Research project

Optional modules:

- Applied pharmacology /15
- Imaging of disease /15
- Introduction to 'One Health' /15

YEAR 3

- Research project

Optional modules:

- Advanced concepts in bio-business /15
- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /15
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

YEAR 4

- Advanced research methods
- Extended research project

RESEARCH

This MSci includes an in depth research project with an RVC supervisor in the fourth year of the course. This enables you to gain extensive research experience and develop your practical and analytical skills. Throughout this research experience, you will be challenged by, and stimulated to challenge, the currently accepted wisdom in biological sciences.

It is important to note that you will be responsible for developing your hypothesis for your fourth year placement.

COURSE COSTS

UK/EU tuition fees: £9,250
Placement/sandwich year: £1,850

Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION
C103 — UCAS CODE
4 YEARS — DURATION

MSci Applied Biological Research

C103

www.rvc.ac.uk/appliedbiological

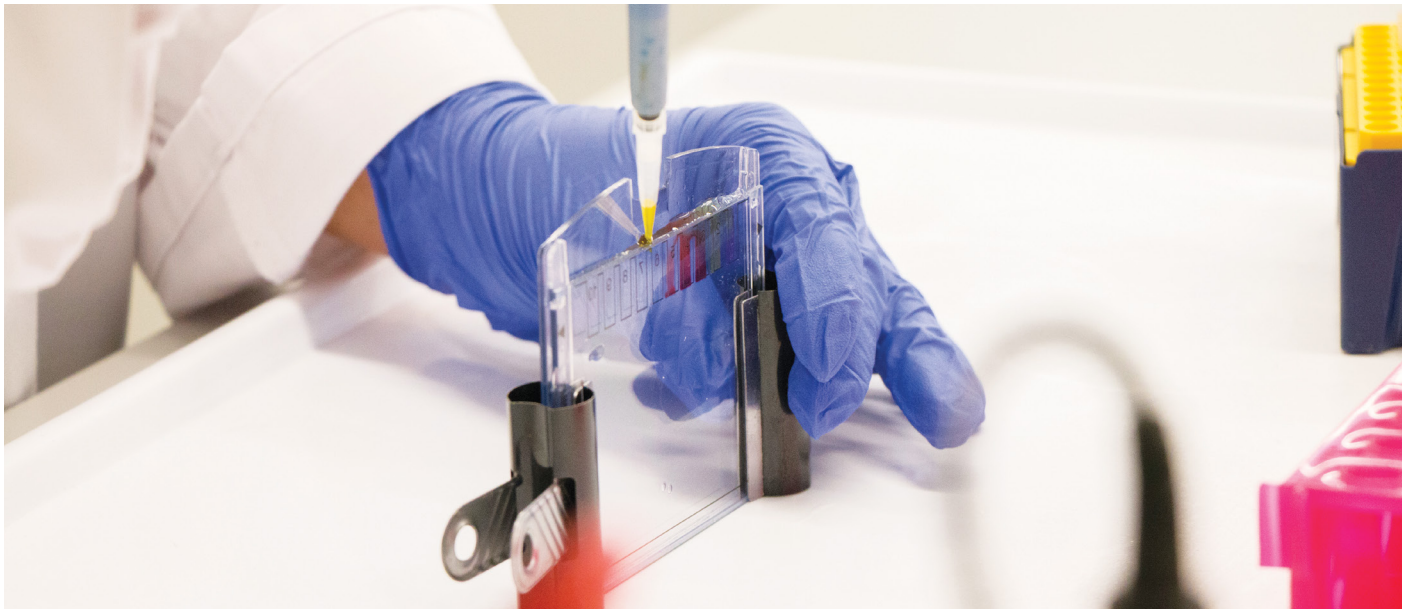
The MSci in Applied Biological Research is an undergraduate, integrated master's degree with an industry placement in the fourth year, the aim of which is to prepare you for a PhD or a career in an industrial or academic research environment, with a focus on human and veterinary medicine, prevention and treatment.

COURSE OVERVIEW

The fourth year, which contains the industry placement, will build on your knowledge gained from your first three years and develop your scientific and transferable skills further, making you 'work ready' and able to realise your full potential as soon as you embark on your chosen career path once graduating from the course.

This course draws on our history of cutting-edge research into human and veterinary medicine that has contributed to advances in the prevention and treatment of diseases. You will study the fundamentals of biological and biomedical science that is needed to understand and develop new therapies and treatments for human and veterinary diseases. The course will give you a clear and detailed understanding of underpinning physiology and cellular and molecular biology, as well as an insight into disease mechanisms and an appreciation of comparative and integrated approaches to aid diagnosis and treatment in the future.

You will be engaged in research projects and receive training in advanced research methodology and critical analysis, to prepare you for careers in academic, clinical, or industrial settings.



MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /30
- The enemy without /30
- Principles of pharmacology /15
- Applied pharmacology /15
- Research project

YEAR 3

- Advanced concepts in bio-business /15
- Research project

Optional modules:

- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /30
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

YEAR 4

- Advanced research methods
- Extended research project

RESEARCH

This MSci includes a placement in the fourth year of the course. This placement enables you to gain an extensive research experience in an industry setting. Throughout this research experience, you will be challenged by, and stimulated to challenge, the currently accepted wisdom in biological sciences.

It is important to note that you will be responsible for finding and securing your fourth year placement.

COURSE COSTS

UK/EU tuition fees: £9,250*
Placement/sandwich year: £1,850

Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION
D303 — UCAS CODE
4 YEARS — DURATION

MSci Applied Bioveterinary Research

D303

www.rvc.ac.uk/appliedbioveterinary

With a focus on research methodology and critical analysis, the MSci Applied Bioveterinary Research course aims to prepare you for a PhD or a career in research, where you will strive to explore the development of new therapies for both human and veterinary diseases.

COURSE OVERVIEW

The fourth year, which contains the industry placement, will build on your knowledge gained from your first three years and develop your scientific and transferable skills further, making you 'work ready' and able to realise your full potential as soon as you embark on your chosen career path once graduating from the course.

The programme draws on our long history of cutting-edge research programmes which have contributed to advances in human as well as veterinary medicine, and explores the fundamentals of biological and biomedical science that are needed to understand and develop new therapies for both human and veterinary diseases. The course will give you a clear and detailed understanding of underpinning physiology and cellular and molecular biology, as well as an insight into disease mechanisms and an appreciation of comparative and integrated approaches to aid diagnosis and treatment in the future.

You will engage in research projects and receive training in advanced research methodology and critical analysis, to prepare you for careers in academic, clinical, or industrial settings.

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /30
- The enemy without /30
- Principles of pharmacology /15
- Applied pharmacology /15
- Research project

YEAR 3

- Advanced concepts in bio-business /15
- Research project

Optional modules:

- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /30
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

*Please note that these are indicative modules and may be subject to change.

YEAR 4

- Advanced research methods
- Extended research project

RESEARCH

This MSci includes a placement in the fourth year of the course. This placement enables you to gain an extensive research experience in an industry setting. Throughout this research experience, you will be challenged by, and stimulated to challenge, the currently accepted wisdom in biological sciences.

It is important to note that you will be responsible for finding and securing your fourth year placement.

COURSE COSTS

UK/EU tuition fees: £9,250
Placement/sandwich year: £1,850

Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

RVET R84 — INSTITUTION
C300 — UCAS CODE
4 YEARS — DURATION

MSci Wild Animal Biology

C300

www.rvc.ac.uk/msciwab

The MSci in Wild Animal Biology is an undergraduate integrated master's degree, the aim of which is to give you a thorough foundation in biosciences, with further specialisation into wild animal biology in the fourth year (Masters) of study. This degree is delivered together with the Zoological Society of London.

COURSE OVERVIEW

In the first year, you will learn about normal animal physiology including all major body systems and biological processes. In the second year, you will explore disease processes, pathogen biology and an introduction to wild animal biology, as well as carrying out a short wild animal biology focused research project.

In the third year, you will be able to choose the future direction of your course by following a programme of advanced study chosen from a range of optional modules. You will also carry out a longer wild animal biology research project, supervised by a member of academic staff, during which you will continue to develop your practical, analytical and reasoning skills as well as communication, teamwork and professional development skills.

In the fourth year, you will gain practical exposure to wild animal species and an understanding of their health and welfare as well as receiving training in research methodologies relevant to the study of wildlife. The research projects in your second, third and fourth years are all relevant to wild animal biology and this focus aims to make sure that you are 'work ready' for a career in a wild animal biology setting, either in an academic role or in industry.

"I chose Wild Animal Biology as I wanted to study a course that would give me a good understanding of veterinary sciences and research with the prospect of working with wild animals such as big cats.

"There are opportunities to conduct your own research on any area that you are interested in. I have conducted a literature review on hypercholesterolaemia in captive meerkats at London Zoo, carried out research to identify whether the mara at Whipsnade Zoo has parasites (including the collection of faecal samples that were later analysed using the McMaster technique), and my third year research project is investigating the influence personality has on novel object recognition in captive lions, tigers, leopards and cheetahs."

Olivia Smith, MSci Wild Animal Biology

MODULES

YEAR 1

- Biology of cells /15
- Inheritance, genetics and evolution /15
- Developmental biology /15
- The moving animal /15
- Integrated physiology I /15
- Integrated physiology II /15
- Problem definition and investigation (includes first-year project) /30

YEAR 2

- The enemy within /30
- The enemy without /30
- Wild animal biology /15
- Research project

Optional modules:

- Imaging of disease /15
- Introduction to animal behaviour, welfare and ethics /15
- Introduction to 'One Health' /15

YEAR 3

- Research project

Optional modules:

- Advanced concepts in bio-business /15
- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /30
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

/15 = # of credits

You can also take several optional modules at King's College London during your third year.

YEAR 4

- Advanced research methods
- Research project

Optional modules:

- Conservation biology /15
- The impact of disease on populations /15
- Health and welfare of captive animals /15
- Interventions /15
- Detection, surveillance and emerging diseases /15
- Ecosystem health /15
- Evaluation of the health and welfare of captive wild animals /15

*Please note that these are indicative modules and may be subject to change.

RESEARCH

It is possible to undertake a work placement between the second and third year of study (Certificate in Work-Based Learning and Research). This gives you an insight into the working environment and could be wild animal biology related.

It is important to note that you will be responsible for finding and securing a placement, although you will be given guidance and support before and during the placement.

COURSE COSTS

UK/EU tuition fees: £9,250
Placement/sandwich year: £1,850

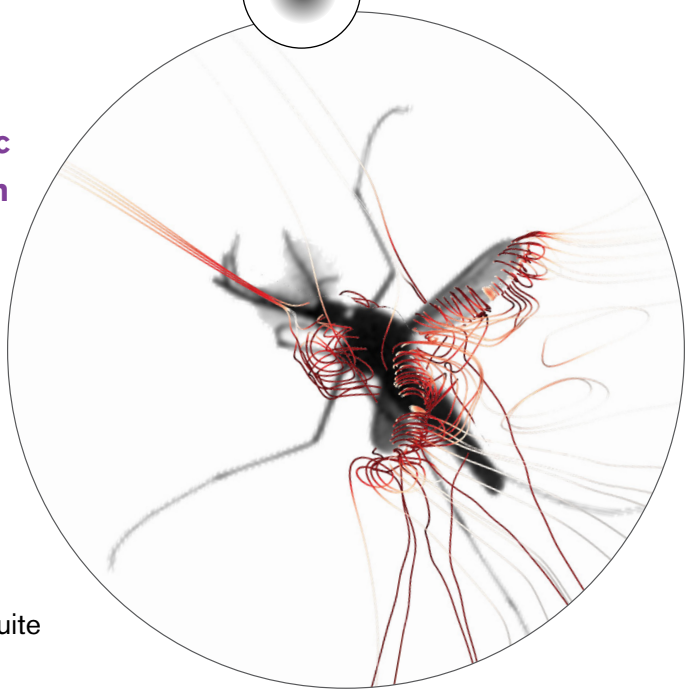
Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 84.

English language requirements for this course can be found on page 87.

HIGH FREQUENCY FLIGHT



"Mosquitoes have a huge social and economic impact, but until recently we didn't know much about their flight behaviour. Mosquitoes flap much faster than other insects of a similar size. Filming them is a tough challenge, but the results were extraordinary."

Dr Richard Bomphrey,
Lecturer in Animal Locomotion

RESEARCH

The aerodynamic mechanisms used by mosquitoes are quite different from those of birds, bats or even fellow insects.

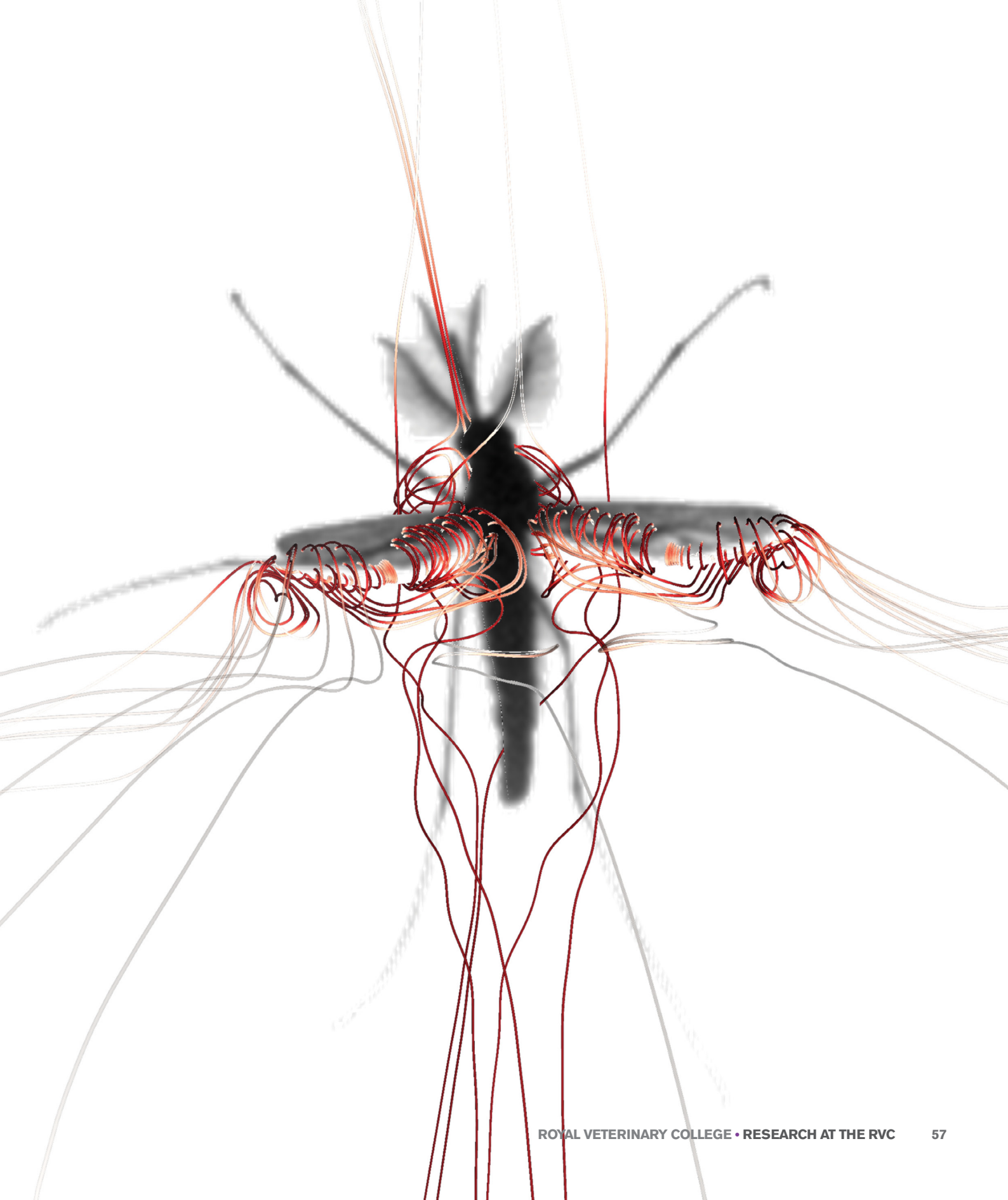
In the Structure and Motion Laboratory, we recorded their flights using eight high-speed video cameras running at 10,000 frames per second. We were able to reconstruct their wing and body movements and simulate the air flow during flapping cycles.

We found that they use two new aerodynamic tricks to stay aloft, including a swirling vortex running along the trailing edge of the wing.

STUDENTS

The study was led by Dr Richard Bomphrey in collaboration with scientists in the UK and Japan. They were supported in the lab by RVC students Madeleine Inglis (BSc Bioveterinary Sciences) and Florence Albert-Davie (PhD studentship).

Picture: Southern House Mosquito *Culex quinquefasciatus (Diptera)*
Smart wing rotation and trailing-edge vortices enable high frequency mosquito flight
Bomphrey et al. *Nature* (2017)



VETERINARY MEDICINE

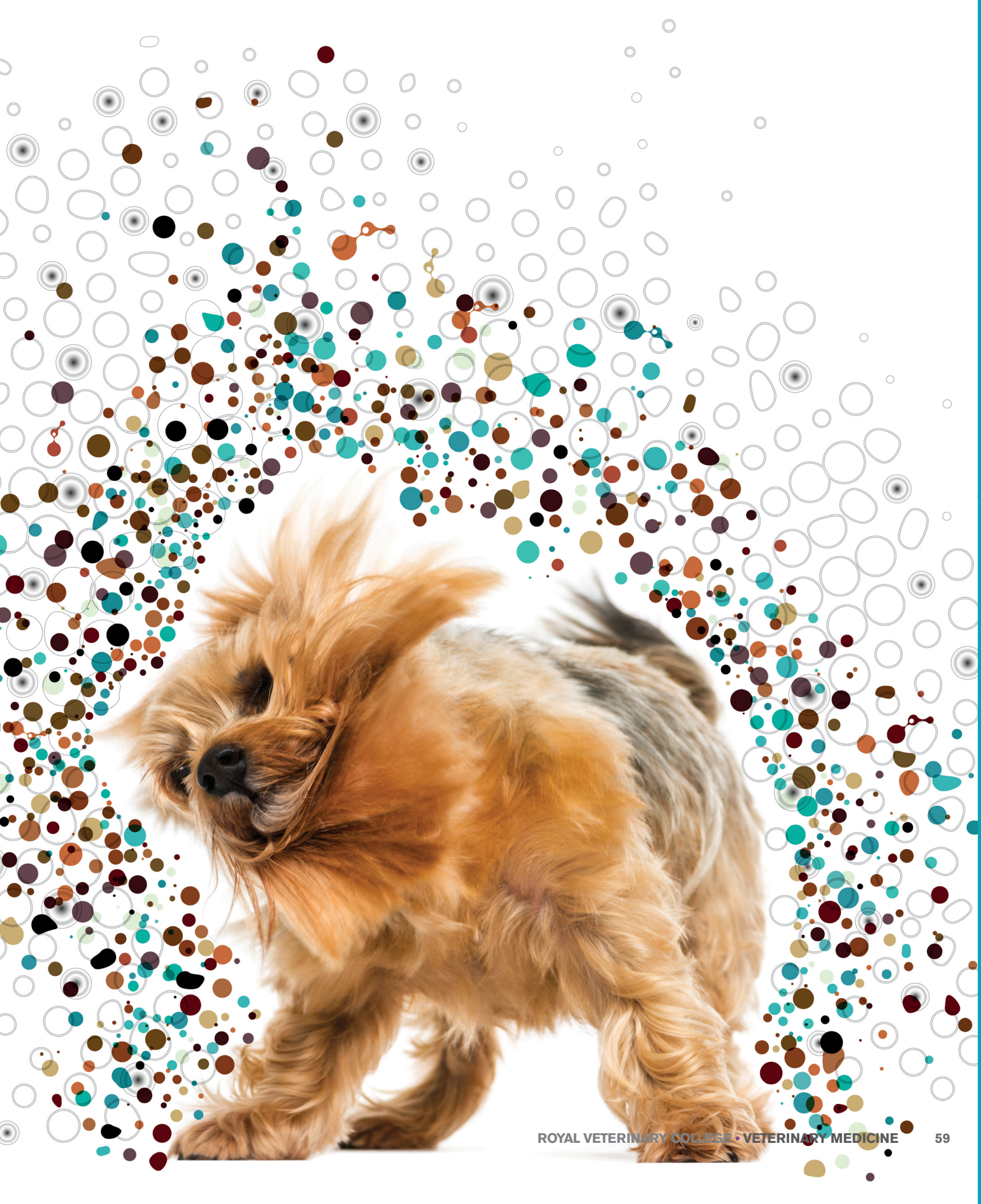
PROFESSION-SHAPING • CAREER-MAKING • WORLD-LEADING

We have been delivering exceptional training in veterinary medicine for over 227 years and our clinical facilities are second-to-none. You will benefit from an outstanding learning environment where you will gain practical experience in our on-campus hospitals, practices and farm. You will graduate ready to make a real difference in the veterinary profession.

COURSES

- Bachelor of Veterinary Medicine
- Bachelor of Veterinary Medicine Graduate Accelerated
- Bachelor of Veterinary Medicine with Intercalated Year
- Veterinary Gateway

www.rvc.ac.uk/veterinarymedicine



RANKINGS

TOP
IN EUROPE

Ranked as the top veterinary school in Europe
(QS World Rankings by Subject 2018)

IN TOP 3 WORLDWIDE

Ranked in the top three veterinary schools worldwide
(QS World Rankings by Subject 2018)

3RD IN THE WORLD

Ranked third in the world for veterinary science
(ARWU 2017)

93%

...of students satisfied with the quality of the course
(National Student Survey 2017)

OVER 227 YEARS

...of delivering exceptional training in veterinary medicine

ACCREDITATION

We are the only veterinary school in the world to achieve the highest accreditation by the European Association of Establishments for Veterinary Education (EAEVE) and the American Veterinary Medical Association (AVMA). Our courses have also received full recognition by the UK's Royal College of Veterinary Surgeons (RCVS), and we have a reciprocal arrangement between the RCVS and the Australasian Veterinary Boards Council Inc (AVBC).

What does this mean for you?

When you graduate in veterinary medicine at the RVC, you will be qualified to practise in Europe, North America and many Asian and African countries, as well as Australia and New Zealand – a real advantage for those looking to develop an international career.

RVET R84 — INSTITUTION

D100 — UCAS CODE

5 YEARS — DURATION

Bachelor of Veterinary Medicine (BVetMed)

D100

www.rvc.ac.uk/bvetmed

The BVetMed programme offers world-leading scientific and clinical training in veterinary medicine. This exciting course builds on our extensive veterinary history, and takes a fresh approach in bringing together technological change, clinical and scientific progress, and stimulating teaching and learning methods.

"I think that there is a constant improvement of knowledge and clinical skills throughout the course, and when I started clinical rotations, I could see myself being more like a real vet, which is really exciting for me.

"It works well that we have two years of pre-clinical teaching before coming to Hawkshead for the clinical work. We were taught the theory and knowledge of veterinary medicine before starting our rotations, where we could put all this knowledge into real-life situations, and I felt that I was able to utilise that knowledge and make a difference.

"It has been amazing working in the biggest animal hospital in Europe. It has a lot of expertise in there, and we've got an MRI, CT, and a great team with mixed specialities in departments collaborating together so it is a great place for students to learn.

"There are five or six people in your clinical rotations group, and a sister group with the same number. Depending on the rotations, you can work as an individual group and sometimes you combine with the sister group. There is a lot of support from the keen teaching staff, regardless of whether they are interns, residents or clinicians."

Sidney Tai Shing Chan,
Bachelor of Veterinary Medicine

COURSE OVERVIEW

If you graduate from the Bachelor of Veterinary Medicine programme, you will be registered with the RCVS and be able to practise as a veterinary surgeon in the UK. You will also be registered with EAEVE to practise in Europe, with AVBC to practise in Australia and New Zealand, and have the opportunity to sit the NAVLE exam to practise in North America.

You will gain a thorough understanding of the science underpinning veterinary practice and research, and develop fundamental problem solving, communication and team-working skills. In our busy RVC hospitals and collaborative practices, you will gain the broadest and best possible practical experience.

This comprehensive programme will help you acquire an understanding of the basic biological principles of normal body function and disease, and the ability to distinguish the pathological from the normal, to prevent disease and safely manage the processes of animal production. You will also explore opportunities to further veterinary knowledge through research, and develop the expertise to diagnose and treat disease and alleviate suffering along with the professional skills you need to work and communicate effectively in practice.

In the first two years, you will primarily be based at the Camden Campus studying basic veterinary sciences, acquiring introductory skills in handling and examining horses, farm animals and companion animals as well as developing your communication and team working skills. In your third, fourth and fifth year you will mainly be based at our Hawkshead Campus where you will acquire knowledge and practical skills in clinical science necessary for you to participate fully in clinical practice at the RVC, collaborative practices, and in private veterinary practice.

WORK PLACEMENTS

Animal Husbandry Extra-Mural Studies (AHEMS)
AHEMS is undertaken during the first two years (pre-clinical years) of the programme. AHEMS placements are designed to help you consolidate your learning about animal husbandry, develop animal handling skills, and learn about animal industries. You must complete 12 weeks of AHEMS before entry to Year 3 of the course, comprising:

- Two weeks on a lambing enterprise
- Two weeks on a dairy cattle farm
- Two weeks at a commercial pig operation
- Two weeks of equine experience
- Four weeks of your choice

Clinical Extra-Mural Studies (ClinEMS)
ClinEMS is the time dedicated to gaining practical clinical experience in the latter years of your veterinary medicine programme to support your learning and clinical experience. ClinEMS will allow you to gain experience in a variety of different clinical and other veterinary-related organisations, where you will consolidate your learning about diagnosis and management of animal diseases, enhance your practical clinical skills, and acquire greater understanding of how veterinary organisations operate.

You will undertake ClinEMS placements in your third, fourth and fifth years of the BVetMed programme, totalling 26 weeks of placements.

ASSESSMENT AND FEEDBACK

In the final year of your course, your assessment will comprise:

- assessment of knowledge, problem solving and professional behaviour on clinical rotations
- examination of practical skills through OSCEs (objective structure clinical examinations)
- completion of a 4000-word research project
- written examination testing clinical and professional decision making

STUDY

YEAR 1

- Introduction to the whole animal and to systems strands:
  - Locomotor
  - Neurology and special senses
  - Cardiovascular and respiratory
  - Urogenital: renal
  - Alimentary system
  - Urogenital: reproduction
- Population medicine and veterinary public health (PMVPH)
- Integrated structure and function
- Principles of science
- Professional studies

YEAR 2

- PMVPH
- Lymphoreticular and haemopoietic
- Cardiovascular and respiratory
- Endocrine
- Urogenital: renal
- Locomotor
- Urogenital: reproduction
- Skin
- Principles of science
- Professional studies

YEAR 3

- Alimentary
- PMVPH
- Reproduction
- Cardiovascular and respiratory
- Skin
- Locomotor
- Neurology and special senses
- Lymphoreticular and haemopoietic
- Principles of science
- Professional studies

YEAR 4

- Lymphoreticular and haemopoietic
- Urogenital: renal
- Endocrine
- PMVPH
- Rotation preparation
- Intramural clinical rotations

YEAR 5

- Professional studies
- Intramural clinical rotations

Intramural clinical rotations in the final one-and-a-half years of the course focus on:

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

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 85.

English language requirements can be found on page 87.

COURSE COSTS

UK/EU tuition fees: £9,250*

* Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

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.

Please see page 88 for more information.

RVET R84 — INSTITUTION
D101 — UCAS CODE
6 YEARS — DURATION

Bachelor of Veterinary Medicine with Intercalated Year

D101

www.rvc.ac.uk/intercalated-bvetmed

This programme allows you to study the five-year BVetMed course plus an additional year completing an intercalated degree. The additional year of study means that you will gain a more rounded education, additional scientific context, and carry out in-depth research to better your understanding.

COURSE OVERVIEW

In your intercalated year, you can study a BSc course on offer at other UK universities, or one of two tailor-made intercalated BSc courses at the RVC. These are available for intercalation for second and third year veterinary, medical and dentistry students.

Intercalated BSc Bioveterinary Sciences: aimed at students with a strong interest in research. The programme allows you to develop your interests in cutting-edge scientific research and aims to equip you with a passion for biomedical research within the context of a diverse range of species, an appreciation of the fundamental principles of bioveterinary disciplines, and an understanding of the complexity of comparative biology.

Intercalated BSc Comparative Pathology: experience first-hand the excitement of contemporary pathology, and its far-reaching scientific relevance. This intercalated programme will stimulate curiosity at the boundaries of research in pathology.

Pathology, the science of disease, is central to understanding and conduct of veterinary and biomedical research, clinical medicine and surgery. There is a need for veterinary scientists who are trained in pathology and pathology techniques to fulfil the ever-growing demand for such expertise arising from clinical practice, academia and industry.

"I studied an intercalated year between years two and three of my veterinary medicine degree, where I was able to conduct my own research project. It allowed me to control my own lab hours, and work with my supervisor on 'here is what I have found' and 'here is what I think we should do'. It is great to be in charge of my own project, where I could work on research that has never been done before.

"Studying Comparative Pathology, I have been able to do things, like post-mortem examinations, that I will be doing in my fourth and fifth year during clinical rotations, so it has been good getting some practise now for something I will need in the future."

Gorprit Singh, Bachelor of Veterinary Medicine with Intercalated Year (Comparative Pathology)

STUDY

Please see page 64 for an outline of what is studied during the five-year Bachelor of Veterinary Medicine programme. You will typically study your intercalated year between the second and third year of the Bachelor of Veterinary Medicine course.

Research project

Throughout your intercalated year, emphasis is placed on a research project, which accounts for half of the intercalated degree programme. You will have a choice of different projects, from a broad range of specialisation including locomotion, reproduction, cell and molecular biology, physiology, epidemiology, infection and immunity.

Intercalated BSc Bioveterinary Sciences

- Research project

Optional modules

- Advanced concepts in bio-business /15
- Advanced concepts in reproduction /15
- Applied molecular microbiology /15
- Advanced skeletal pathobiology /15
- Animal behaviour and cognition /15
- Applied animal welfare /15
- Comparative animal locomotion /30
- Comparative models of disease /15
- Development and disease /15
- Endocrine and metabolic syndromes /15
- Epidemiology: the bigger picture /15
- Infection and immunity /30
- Parasitology of human and veterinary tropical diseases /15
- Practical investigative biology /15
- Science of animal welfare /15

Intercalated BSc Comparative Pathology

- Research project
- Principles of pathology /30
- Applications of pathology /30

/15 = # of credits

*Please note that these are indicative modules and may be subject to change.

COURSE COSTS

UK/EU tuition fees: £9,250*

* Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 85.

Work experience and English language requirements for this course can be found on pages 87-88.

RVET R84 — INSTITUTION
D102 — UCAS CODE
4 YEARS — DURATION

Graduate Accelerated Bachelor of Veterinary Medicine

D102

www.rvc.ac.uk/accelerated-bvetmed

The BVetMed programme is renowned throughout the world for its rigour and excellence, and if you are already a graduate or in your final year of a biological sciences degree, you can apply for the Graduate Accelerated course. The four-year programme enables you to supplement your existing skills, adding to the preclinical science information covered by a previous biological science degree.

COURSE OVERVIEW

On this programme, you will complete an introductory graduate transition year, where you will study the principles of animal form and function, infections and responses, and animal husbandry.

On completion of the transition year, you will be fast-tracked on to the BVetMed course at the start of the third year.

"Veterinary medicine combines the perfect mix of problem solving, hands on work, a continuously advancing field and the possibility of working with a variety of species in a single day. The opportunities to work outdoors and play with cute baby animals are an added bonus!

"My favourite part of the Graduate Accelerated course is the practical-heavy style of teaching. As a hands-on learner, being in the dissection room, histology labs and on the farm multiple times a week was vital to my understanding of the material we were taught in lectures.

"Studying veterinary medicine is not an easy task, but if it's what you love, in a place you love, you're bound to have an amazing time."

Dylan Yaffy, Graduate Accelerated Bachelor of Veterinary Medicine

STUDY

Graduate transtition year

- Extra-mural studies
- Principles of animal form and function
- Animal husbandry
- Infections and responses

YEAR 1

- Alimentary
- PMVPH
- Reproduction
- Cardiovascular and respiratory
- Skin
- Locomotor
- Neurology and special senses
- Lymphoreticular and haemopoietic
- Principles of science
- Professional studies
- Intramural clinical rotations

YEAR 2

- Lymphoreticular and haemopoietic
- Urogenital: renal
- Endocrine
- PMVPH
- Rotation preparation

YEAR 3

- Professional studies
- Intramural clinical rotations

YEAR 4

Intramural clinical rotations in the final one-and-a-half years of the course focus on:

- observation, discussion and practical experience as a member of the clinical team in the College's hospitals, and in clinical enterprises in which the College is a collaborating partner
- attendance at lectures, seminars and workshops
- completion of a major research project

WORK PLACEMENTS

Animal Husbandry Extra-Mural Studies (AHEMS)
AHEMS placements are designed to help you consolidate your learning about animal husbandry, develop animal handling skills and learn about animal industries. You must complete 12 weeks of AHEMS before entry to Year 3 of the course, comprising:

- Two weeks on a lambing enterprise
- Two weeks on a dairy cattle farm
- Two weeks at a commercial pig operation
- Two weeks of equine experience
- Four weeks of your choice

A maximum of six weeks of previous animal husbandry experience towards the 12 week AHEMS requirement can be submitted for approval prior to entry on to the course. This experience is limited to activities completed within the 24 months leading up to the start of the course.

Clinical Extra-Mural Studies (ClinEMS)
ClinEMS is the time dedicated to gaining practical clinical experience in the latter years of your veterinary medicine programme to support your learning and clinical experience. ClinEMS will allow you to gain experience in a variety of different clinical and other veterinary-related organisations where you will consolidate your learning about diagnoses and management of animal diseases, enhance your practical clinical skills and acquire greater understanding of how veterinary organisations operate.

You will undertake ClinEMS placements in your third, fourth and fifth years of the BVetMed programme, totalling 26 weeks of placements.

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.

Please see page 88 for more information.

COURSE COSTS

UK/EU tuition fees: £9,250*

* Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

RVET R84 — INSTITUTION
D190 — UCAS CODE
1 YEAR — DURATION

Veterinary Gateway
D190

www.rvc.ac.uk/gateway

This Veterinary Gateway course is aimed at students who want to study veterinary medicine but who might not otherwise meet our entry requirements. The programme integrates an additional preparatory year designed to equip you with the knowledge and skills you need to study veterinary medicine.

COURSE OVERVIEW

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

If you successfully complete this course, you will be given a place on our Bachelor of Veterinary Medicine degree programme. You will also be eligible to apply for veterinary degrees at other UK universities.

"I have always wanted to be a vet so, naturally, I looked at the RVC. The RVC offer the Veterinary Gateway programme to people from different backgrounds. The requirements took the pressure off my A-Levels, and I ended up with better grades than I expected anyway!

"I chose to study the Veterinary Gateway programme, so that I could acclimatise to life at university and study anatomy and biology. It turned out to be the best decision I have ever made, it has set me up so well for the rest of the course and I will probably will do better in the future because of it.

"Now that I am in BVetMed Year 2, you cannot tell the difference between Gateway and non-Gateway students."

Rhian Jeffries, Veterinary Gateway and Bachelor of Veterinary Medicine

www.rvc.ac.uk/gateway

STUDY

GATEWAY YEAR

- Biology of the cell
- Inheritance, genes and evolution
- Development
- The moving animal
- Integrated physiology
- Animal handling and husbandry
- Problem, definition and investigation
- Library research project

Please see Bachelor of Veterinary Medicine (page 64) for an outline of what is studied during the five-year programme upon successful completion of the Gateway year.

WORK PLACEMENTS

Animal Husbandry Extra-Mural Studies (AHEMS)
AHEMS is undertaken during the pre-clinical years of the programme. AHEMS is designed to develop your knowledge, critical thinking, understanding and practical skills.

A minimum of six weeks AHEMS is to be completed by the end of BVetMed Year 1 (which includes the summer vacation period), including a minimum of two weeks lambing experience to be undertaken at the Easter vacation block in your Gateway Year. The remaining weeks are to be completed by the end of the summer vacation in BVetMed Year 2. In total, you must complete:

- Two weeks on a lambing enterprise
- Two weeks on a dairy cattle farm
- Two weeks at a commercial pig operation
- Two weeks of equine experience
- Four weeks of your choice

AHEMS placements involve spending a number of weeks based at employers where you can focus on developing work place skills and industry expertise that will sit alongside the knowledge you gain throughout your course.

COURSE COSTS

UK/EU tuition fees: £9,250*

* Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 85.

English language and work experience requirements for this course can be found on pages 87-88.

NON-ACADEMIC CRITERIA

This course is only available if you satisfy the following specific non-academic criteria:

- You are a UK or EU national who is resident in the UK
- You are predicted to achieve no less than two grades below the standard Gateway entry offer for that qualification, or you have gained a qualification that meets the standard offer for the Gateway course in the 12 months prior to your application
- You have studied only one period of Level 3, unless you are resitting that same qualification the following year
- You have never attended university or a higher education institution

You must also meet all of the criteria requirements in either Route A or Route B.

ROUTE A:
You have completed all education since the age of 11 at a UK state school that does not select based on academic performance, charge tuition fees, or is classified as an independent school.

You will also need to meet three of the following criteria:

- POLAR3 score of 1 or 2
- You are a care leaver (looked after for at least 13 weeks since the age of 14)
- The school at which you took your GCSEs is a school with an RVC contextual flag
- The school at which you are taking your Level 3 qualifications is a school with an RVC contextual flag
- Your household income is less than £25,000 and your parent(s) are in receipt of government-assessed income
- You are a refugee (requires Home Office letter)
- Your biological parents and/or step-parents and/or guardians have no higher education qualifications (attendance as a mature student is exempt)

ROUTE B:

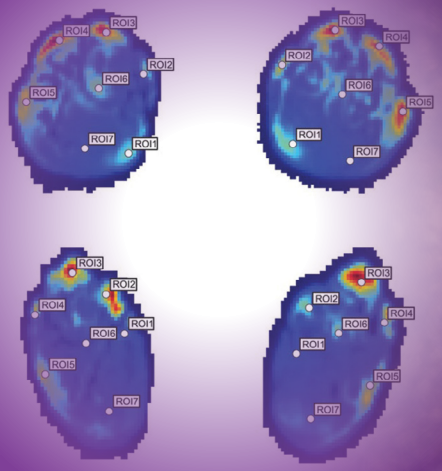
- You have completed all education since the age of 11 at a UK state school that does not charge tuition fees, or is classified as an independent school.
- You attended the RVC Sutton Trust summer school within the 18 months prior to application.

Eligibility will be determined based on the information provided in the Supplementary Gateway Form, which applicants must submit to **admissions@rvc.ac.uk** by no later than 22 January. Please visit **www.rvc.ac.uk/gateway** for further information on the non-academic criteria.

RESISTING GRAVITY

"As the largest living land animals, elephants help show us how extreme the demands for resisting gravity are on their biology, and how fragile elephants can be when those demands are excessive."

John Hutchinson,
Professor of Evolutionary Biomechanics



RESEARCH

To understand how elephants support their weight, we recorded their motions and the pressures they exert against their environment during walking. This research was carried out at local zoos and safari parks, with a series of studies from 2004-2017.

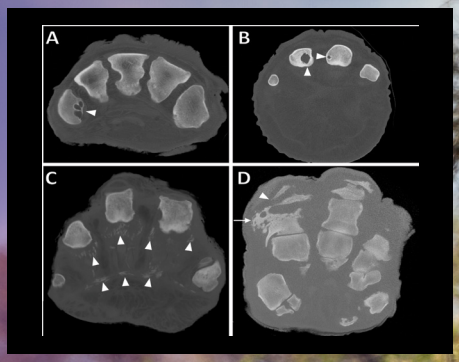
We also conducted anatomical research on donated cadavers to study how elephant anatomy functions during movement and across growth. This work used radiographic imaging techniques to characterise pathologies, such as arthritis, that elephants may develop in their feet, leading to about 50% of all cases of euthanasia in captivity.

FINDINGS

Tying together the basic science into how elephants move with more clinical investigations of where elephants tend to get pathologies, we find that walking elephants move essentially the same whether they are young or old. However, as elephants grow larger they exert greater peak pressures on their feet because the feet do not grow fast enough to keep the force per unit area constant.

These high pressures are located on the toes and nails, whereas the expansible fat pad on the rear of the foot keeps pressures there low. The third through fifth (middle to outer) toes experience the highest pressures, as the elephant is pushing its feet off the ground.

These regions of high pressure are also where pathologies tend to develop – the incidence of degenerative joint disease and related problems is lower in the inner toes, much like the pressures are.



OUTCOME

These findings can be used to improve methods of identifying problems with elephant anatomy and gait sooner, and to monitor them better, which should lead to better health and welfare of managed elephant populations.

STUDENTS

The research project was led by Professors John R. Hutchinson and Renate Weller, and supported by students Sophie Regnault and Chris Basu (Bachelor of Veterinary Medicine), and Zoe Hill (BSc Bioveterinary Sciences) as part of their final year research projects.

VETERINARY NURSING

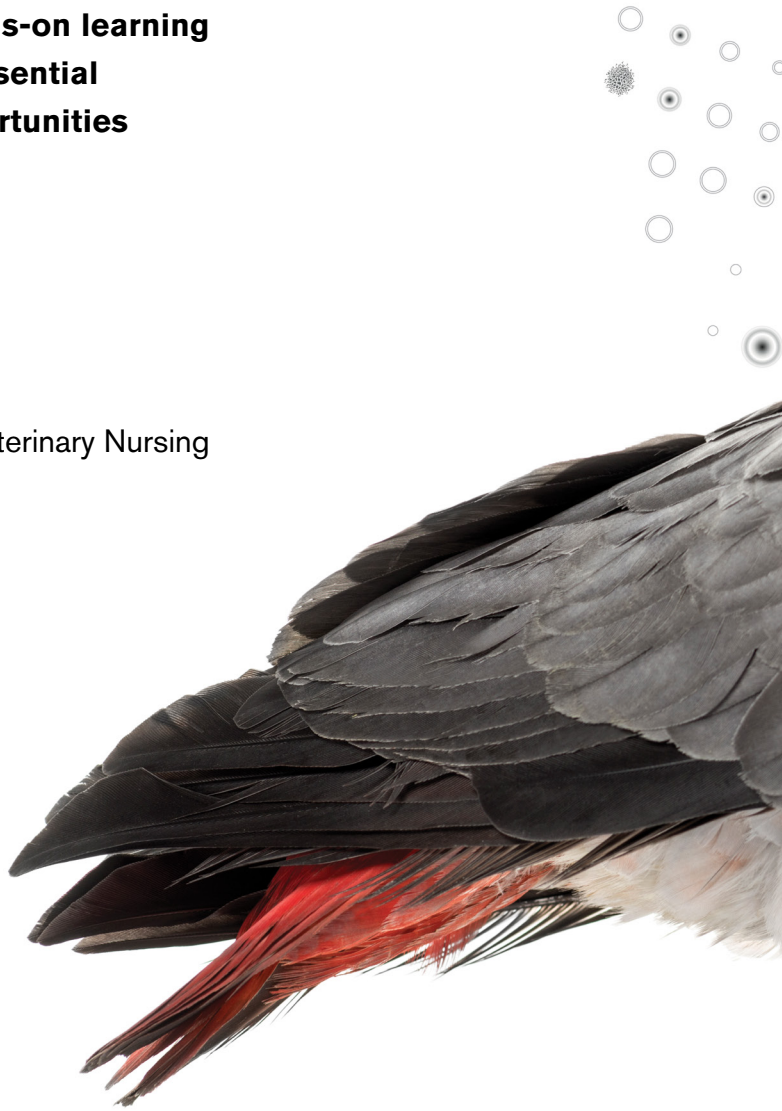
SKILL-DEVELOPING • THOUGHT-LEADING • STANDARD-SETTING

We offer unbeatable training and experience to veterinary nurses. You will learn from inspiring and enthusiastic experts, and benefit from a hands-on learning environment where you will master all the essential nursing skills and techniques, and have opportunities to further your development.

COURSES

- FdSc Veterinary Nursing
- BSc Veterinary Nursing
- Graduate Diploma in Professional and Clinical Veterinary Nursing

www.rvc.ac.uk/veterinarynursing



RANKINGS

100%

...of students satisfied with the quality of the FdSc Veterinary Nursing course
(National Student Survey 2017)

94%

...of students felt the course challenged them to achieve their best work
(National Student Survey 2017)

100%

...of students felt that the BSc Veterinary Nursing course provided opportunities to apply what they have learned
(National Student Survey 2017)

ACCREDITATION

You will be entitled to practise as a veterinary nurse as soon as you have earned your degree and registered as a member of the Royal College of Veterinary Surgeons (RCVS). Our FdSc and BSc courses are accredited by ACOVENE, setting the standard for the delivery of veterinary nurse education.

RVET R84 — INSTITUTION
D310 — UCAS CODE
3 YEARS — DURATION

FdSc Veterinary Nursing
D310

www.rvc.ac.uk/foundationvn

Veterinary nurses play a vital role within the veterinary industry in caring for sick, injured and hospitalised animals, and contributing to the ongoing care of animals. This Foundation degree trains you to work within a veterinary team, to be adaptable, and to be able to perform a variety of roles in practice and beyond.

COURSE OVERVIEW

Veterinary nurses will typically work within a veterinary surgery or veterinary hospital and are involved in a wide range of care and treatment, including:

- Providing skilled supportive care for sick animals
- Undertaking minor surgery
- Monitoring during anaesthesia
- Medical treatments and diagnostic tests under veterinary supervision
- Educating owners on good standards of animal care

The FdSc Veterinary Nursing course will equip you with the ability to understand the healthy and sick animal, and the role that nursing plays in a veterinary team. The course teaches you to be a lifelong learner – an essential attribute in a rapidly changing world of animal healthcare.

This is a challenging degree course that delivers a broad programme of learning, and offers a fascinating introduction to veterinary nursing. You will cover everything from professional development and clinical skills to more advanced modules such as diagnostic techniques.

"My favourite thing about the course is caring for the animals and making them feel comfortable when they most need it. I love the opportunities I have had to help the animals whilst satisfying my desire to help in a hands on way.

"I have had over six months of practical experience in vet practices and I've only just started my second year. I have monitored anaesthetic, taken blood samples, placed catheters and provided hydrotherapy for neurology patients already.

"I already feel like I am a vet nurse. The placements promote learning on the job. The clinical coaches allow you to get stuck in and learn through experience. I feel I will definitely be prepared for my first day at work after I have qualified."

Ayesha Ali, FdSc Veterinary Nursing

MODULES

The FdSc in Veterinary Nursing course consists of modules totalling 240 credits.

YEAR 1 (FHEQ Level 4)

- Professional development and clinical skills I /20
- Clinical nursing practice I /25
- Clinical nursing practice II /25
- Veterinary nursing applied science I /25
- Veterinary nursing applied science II /25

YEAR 2 (FHEQ Level 5)

- Professional development and clinical skills II /10
- Anaesthesia/emergency and critical care /25
- Diagnostic techniques /25

YEAR 3 (FHEQ Level 5)

- Professional development and clinical skills III /10
- Applied nursing care /25
- Professional practice /25

/15 = # of credits

*Please note that these are indicative modules and may be subject to change.

WORK PLACEMENTS

You will complete at least 1,800 hours of practical training at a range of excellent veterinary practices, giving you real insight into the day-to-day role of the veterinary nurse. To ensure fair evaluation, the skills and knowledge you acquire will be assessed in a variety of ways as the course progresses.

COURSE COSTS

UK/EU tuition fees: £9,250*

*Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 86.

Work experience and English language requirements for this course can be found on pages 87-88.

RVET R84 — INSTITUTION
D313 — UCAS CODE
4 YEARS — DURATION

BSc Veterinary Nursing
D313

www.rvc.ac.uk/vetnursing

Veterinary nurses play a vital role within the veterinary industry in caring for sick, injured and hospitalised animals, and contributing to the ongoing care of animals. This includes undertaking minor surgeries and procedures, and delivering medical treatments and tests. Veterinary nurses also take on the responsibilities of customer care within a surgery, clinic or hospital setting, and therefore must develop client-facing skills alongside knowledge of animal care.

COURSE OVERVIEW

The BSc Veterinary Nursing course is designed to produce veterinary nurses who have the knowledge and skills to make a significant contribution to animal health and welfare. You will be exposed to practical training within the first three foundation years of the programme, where you have the opportunity to develop your knowledge and skills within a real-life environment. At the end of this period (providing you have met the assessment requirements), you will achieve your professional veterinary nursing qualification.

"I chose to study at the RVC because it offered world-renowned facilities and is one of the best universities for teaching and student support.

"I have particularly enjoyed the mixture of both theory and practical education as well as the interactive segments within the lectures. The course has benefited me greatly, not just by increasing my understanding and knowledge of domestic and non-domestic animals, but by also increasing my confidence and communication skills."

Josh Stratford,
BSc Veterinary Nursing

MODULES

The BSc in Veterinary Nursing course consists of modules totalling 360 credits.

YEAR 1

- Professional development and clinical skills I /20
- Clinical nursing practice I /25
- Clinical nursing practice II /25
- Veterinary nursing applied science I /25
- Veterinary nursing applied science II /25

YEAR 2

- Professional development and clinical skills II /10
- Anaesthesia/emergency and critical care /25
- Diagnostic techniques /25

YEAR 3

- Professional development and clinical skills III /10
- Applied nursing care /25
- Professional practice /25

YEAR 4

- Advanced practice toolkit /15
- Research methods /30
- Final year project /60
- Elective module /15

Elective modules in Year Four of the programme can be selected from: Emergency and critical care nursing incorporating fluid therapy, Surgical nursing incorporating wound management, Medical nursing, Pathology, or Teaching and assessment.

/15 = # of credits

*Please note that these are indicative modules and may be subject to change.

WORK PLACEMENTS

You will complete at least 1,800 hours of practical training at a range of excellent veterinary practices, giving you real insight into the day-to-day role of the veterinary nurse. To ensure fair evaluation, the skills and knowledge you acquire will be assessed in a variety of ways as the course progresses.

COURSE COSTS

UK/EU tuition fees: £9,250*

*Tuition fees are subject to change. Fees listed are representative of entry in 2018 and should be used as a guide only. See page 94 for more information.

ENTRY REQUIREMENTS

We welcome applications from students with a wide range of qualifications. For a complete list of academic qualifications required for this course, please visit page 86.

Work experience and English language requirements for this course can be found on pages 87-88.

RVET R84
INSTITUTION

29 MONTHS
DURATION

Graduate Diploma in Professional and Clinical Veterinary Nursing

www.rvc.ac.uk/vndiploma

The Graduate Diploma in Professional and Clinical Veterinary Nursing is a unique distance-learning, advanced veterinary nursing qualification for practising registered veterinary nurses.

COURSE OVERVIEW

If you are employed in clinical practice and looking to study part-time from home, this diploma will help you develop valuable knowledge and skills to take you to the next level of your career. The Graduate Diploma is managed and taught by leading veterinary professionals who are recognised by employers both within the UK and internationally.

The course focuses on developing critical thinking, using both theory and its practical application, enabling you to become better equipped to care for your patients.

"Applying some of the practical techniques learnt on the course in my practice was very rewarding and has proved to be directly beneficial to the patients.

"I have already been using lots of the skills learned throughout the Graduate Diploma during my day-to-day work and have provided training to others in my practice. We have updated many protocols and seen some great results in nursing techniques, especially in regards to in-patient care with critical patients and formulation of surgical safety checklists.

"The majority of the course was delivered online with some practical sessions. The online element suited me very well and I was able to engage in the weekly forums to assist me in developing my submissions for the formative and summative assessments. I feel that I have really pushed my original RVN qualification to the next level."

Alison Devonshire, Graduate Diploma in Professional and Clinical Veterinary Nursing

MODULES

Pre-requisite bridging short-course
Contemporary study skills /15-7 weeks from May to July

YEAR 1

- Evidence-based veterinary nursing /15-12 weeks from September to December
- Problem solving in veterinary physiology /15-12 weeks from December to March
- Professional studies /15-10 weeks from the following May to July

YEAR 2

Elective modules 12 weeks from December to March

- Emergency and critical care (including fluid therapy) /15
- Medical nursing /15
- Surgical nursing (including wound management) /15
- Anaesthesia and analgesia /15
- Diagnostic imaging /15

/15 = # of credits

*Please note that these are indicative modules and may be subject to change.

DISTANCE LEARNING

The Graduate Diploma is delivered through flexible online learning via the RVC's virtual learning environment, 'Learn', and is predominately an online distance-learning course. We aim to keep attendance days to a minimum because we appreciate the challenges of taking time off work and family commitments.

There are some compulsory attendance days at our Hawkshead Campus during the course:

Year One: Orientation Week (normally in June), one exam day at the end of two of the core modules (normally in April)

Year Two: one exam day at the end of your studies (normally in early September)

In a typical week you will need to commit approximately 12-15 hours to your studies.

COURSE COSTS

UK/EU tuition fees: £5,880*

* If you complete the full programme of core and elective modules. Modules are paid for on a module-by-module basis. Individual module costs stated are for 2018 entry and are subject to annual increases in-line with inflation. Please visit our website for more information.

ENTRY REQUIREMENTS

We ask that potential students:

- Hold a Veterinary Nursing Certificate awarded by the RCVS
- Are on the current RCVS Register of Veterinary Nurses (or hold a recognised accredited overseas equivalent professional qualification/status)
- Have a minimum of one-year post-qualification clinical experience
- Are employed in, or have agreed access to placement in, a suitable* veterinary clinical environment
- Have the support of their employing/supervising veterinary practice, who will be required to allow time and access for training
- Successfully complete the Contemporary Study Skills bridging short-course

*suitable clinical environments must be general veterinary practices that are able to demonstrate a minimum of RCVS PSS tier 2 (or TP standard). A minimum of fifteen days per 20-credit elective module must be spent working in a directly relevant clinical setting.

You will also require access to a computer with broadband internet access.

English language requirements for this course can be found on page 87, and a full list of accepted qualifications can be found at **www.rvc.ac.uk/vndiploma**

ENTRY REQUIREMENTS

Every course at the Royal Veterinary College requires you to meet minimum academic qualifications and grading. This is to ensure that you are adequately equipped with the skills and knowledge, as well as a foundation of scientific understanding, to successfully complete your course. Our entry requirements express the qualifications and grades that you have already achieved or are expected to achieve. For a full list of entry requirements, including academic qualifications and non-academic criteria, please visit › www.rvc.ac.uk/study

BIOSCIENCES C100, C101, C102, C103, C300, D300, D301, D302, D303, D390, D400

A-Level*
ABB including Biology (A) or Chemistry (A).
or
BBB including Chemistry or Biology, plus another science (Biology, Chemistry, Physics or Maths).

Irish Leaving Certificate
H2,H2,H3,H3,H3,H3 including Biology or Chemistry plus another science (Biology, Chemistry, Physics or Maths).

If not included in the above, O3 is required in Biology, Chemistry or Physics, English and Mathematics.

Scottish Highers/Advanced Highers
Advanced Highers in Chemistry (A) or Biology (A) plus another subject of your choice (B).
or
Advanced Highers in Biology (B) or Chemistry (B) plus another science subject from Biology, Chemistry, Physics and Maths (B).
in addition to
five Highers (B or above) and at least National 5 in English, Mathematics and Biology, Chemistry or Physics (B).

Welsh Baccalaureate
Advanced Skills Challenge Certificate (B) with two A-Levels, including Biology (A) or Chemistry (A) plus another subject of your choice** (B).
or
Biology (B) or Chemistry (B) plus another science subject from Biology, Chemistry, Physics or Maths (B).

Other
International Baccalaureate 655 at Higher Level including Biology or Chemistry at grade 6, or 555 including Biology or Chemistry and a second science or mathematics subject.

Access to HE Diploma (science-based), CertHE in Life Sciences for Subjects Allied to Medicine, Level 3 Extended Diploma in 'Applied Science' (DDD) or 'Animal Management' (City & Guilds D or Pearson DDD), and Cambridge Pre-U are accepted Level 3 qualifications†.

GCSE **(or alternative Level 2 qualifications are required in addition to Level 3 qualifications e.g. A-Levels)**
Grade 6 (B) at GCSE in Science and Additional Science (or Biology and Chemistry), English Language and Mathematics.

Lower offers may be made to students who meet our Widening Participation criteria.

VETERINARY MEDICINE D100, D101

A-Level*
AAA – AAB with Biology (A) and Chemistry (A), and a third subject** which should not overlap with Biology or Chemistry.

Irish Leaving Certificate
H1,H1,H2,H2,H2,H2 including Biology and Chemistry. H1 required in one of these sciences. If not included in the above, H3/O3 is required in Physics***, English and Mathematics.

Scottish Highers/Advanced Highers
Advanced Highers at AA or AB in Biology and Chemistry in addition to five Highers (AAAAB), including Biology, Chemistry and at least National 5 in Physics, English and Mathematics (B).

Welsh Baccalaureate
Advanced Skills Challenge Certificate (A) with two A-Levels in Biology (A) and Chemistry (A).

Other
International Baccalaureate 766 at Higher Level including Biology, Chemistry and a third subject of your choice.

Access to HE Diploma (science-based), CertHE in Life Sciences for Subjects Allied to Medicine, Level 3 Extended Diploma in 'Applied Science' (D*D*D*) or 'Animal Management' (City & Guilds D* or Pearson D*D*D*), and Cambridge Pre-U are accepted Level 3 qualifications†.

GCSE **(or alternative Level 2 qualifications are required in addition to Level 3 qualifications e.g. A-Levels)**
Five GCSEs at grade 7 (A) including Science and Additional Science or Biology and Chemistry, with at least a grade 6 (B) in English Language, Mathematics and Physics (if taken separately).

VETERINARY MEDICINE GRADUATE ENTRY D102

A minimum of an upper second class (2:1) honours degree in an appropriate biological science subject.

We also welcome applicants with MBBS degrees, and candidates from the BSc Biological Sciences (Animal Behaviour, Welfare and Ethics) and MSci Wild Animal Biology programmes.

There are no specific A-Level requirements. However, an understanding of topics covered in Level 3 science qualifications may be expected at points in the course. You must also have a grade C or above in GCSE English Language and Mathematics.

VETERINARY GATEWAY D190

Please visit page 71 for a full list of non-academic criteria for entry on to this course.

A-Level*
CCC including Biology and Chemistry and a third subject** which should not overlap with Biology or Chemistry.

Scottish Highers/Advanced Highers
Advanced Highers (C) in Biology and Chemistry in addition to five Highers (C) including Biology, Chemistry and National 5 in English, Mathematics and Physics (C).

Welsh Baccalaureate
Advanced Skills Challenge Certificate (C) with two A-Levels in Biology (C) and Chemistry (C).

Other
International Baccalaureate 444 at Higher Level including Biology, Chemistry and a third subject.

Access to HE Diploma (science-based), CertHE in Life Sciences for Subjects Allied to Medicine, Level 3 Extended Diploma in 'Applied Science' (DDM) or 'Animal Management' (City & Guilds D or Pearson DDM), and Cambridge Pre-U are accepted Level 3 qualifications†.

GCSE **(or alternative Level 2 qualifications are required in addition to Level 3 qualifications e.g. A-Levels)**
Five GCSEs at grade 4 (C) or above, including Science and Additional Science (or Biology, Chemistry and Physics if taken separately), English Language and Mathematics.

FdSc VETERINARY NURSING D310

A-Level*
CC including Biology, or CDD including Biology (C). Two AS Levels at relevant grades would be accepted in place of one of the further A-Level subjects.

Irish Leaving Certificate
H4, H4, H5, including H4 in Biology. If not achieved at H4 or H5, O4 required in English and Mathematics.

Scottish Highers/Advanced Highers
Advanced Higher in Biology (C) in addition to a second Advanced Higher (D) and two Highers (C) or four Highers (C). You must also have at least five National 5 grade A-Cs including English Language, Mathematics and Biology, Chemistry or Physics.

Welsh Baccalaureate
Advanced Skills Challenge Certificate (C) with A-Level Biology (C)
or
Advanced Skills Challenge Certificate (D) with two A-Levels including Biology (C) and a further A-Level** (D) or two AS Levels (D).

Other
International Baccalaureate 433 at Higher Level including Biology grade 4.

Access to HE Diploma (science-based), CertHE in Life Sciences for Subjects Allied to Medicine, Level 3 Extended Diploma in 'Applied Science' (MMM) or 'Animal Management' (City & Guilds M or Pearson MMM), and Cambridge Pre-U are accepted Level 3 qualifications†.

GCSE **(or alternative Level 2 qualifications are required in addition to Level 3 qualifications e.g. A-Levels)**
Five GCSEs at grade 4 (C) or above, including Science or Additional Science or an individual science subject (Biology, Chemistry, Physics), English Language, and Mathematics.

BSc VETERINARY NURSING D313

A-Level*
BCC including Biology (B). Two AS-Levels (C) would be accepted in place of one of the further (non-Biology) A-Level subjects.

Irish Leaving Certificate
H3 in Biology, plus H4, H4, H4, H5. If not achieved at H4, O3 required in English and O4 in Mathematics.

Scottish Highers/Advanced Highers
Two Advanced Highers (BC) including Biology (B), in addition to three Highers (C) and at least five National 5 A-C grades including Mathematics, English and Biology, Chemistry or Physics (B).

Welsh Baccalaureate
Advanced Skills Challenge Certificate (C) with two A-Levels, including Biology (B) and another subject** of your choice (C).

Other
International Baccalaureate 544 at Higher Level including Biology grade 5.

Access to HE Diploma (science-based), CertHE in Life Sciences for Subjects Allied to Medicine, Level 3 Extended Diploma in 'Applied Science' (DDM) or 'Animal Management' (City & Guilds D or Pearson DDM), and Cambridge Pre-U are accepted Level 3 qualifications†.

GCSE **(or alternative Level 2 qualifications are required in addition to Level 3 qualifications e.g. A-Levels)**
Five GCSEs at grade 4 (C) or above, including Science or Additional Science or an individual science subject (Biology, Chemistry, Physics), English Language, and Mathematics.

ENGLISH LANGUAGE REQUIREMENTS

If you are from outside the UK, you may be required to submit an English language qualification as proof of your language ability.

A good working knowledge of scientific English is essential in order to follow our courses, and our courses include a significant proportion of written instruction and written assessments.

To apply for our courses, you must have achieved an IELTS (Academic) score of 7.0 or above with a minimum of 6.5 in each component or an alternate, acceptable English language qualification.

For a list of accepted alternative English language qualifications › **www.rvc.ac.uk/english-language**

* if you are studying science A-Levels as part of the new English curriculum (2015 onwards), we also require a 'pass' in the science practical for each subject.

** excluding General Studies.

*** please contact us if Physics is not taught at this level at your school.

† overall credits, Distinctions and Merits are required for specific units across Level 3 qualifications. Please visit our website for more information.

WORK EXPERIENCE REQUIREMENTS

You are expected to have gained work experience before applying for our veterinary medicine and veterinary nursing courses. Work experience is required as we expect you to have developed animal handling skills and obtained an insight into the work of veterinary surgeons or veterinary practices.

VETERINARY MEDICINE

Before applying, you must have completed a minimum of:

- 70 hours of work experience (paid or voluntary) in one or more veterinary practices

and

- 70 hours in a variety of different animal environments (excluding your home environment, family business or pet ownership)

This work experience must be obtained within the 18-month period directly preceding the application deadline. Earlier experience is welcome but will not count towards the requirement.

If you are applying for Veterinary Gateway (D190), we do not require prior work experience.

VETERINARY NURSING

To enrol on a veterinary nursing degree, you must have completed a minimum of:

- 70 hours of work experience (paid or voluntary) in one or more small animal or mixed veterinary practices

and

- 70 hours in a variety of different animal environments (excluding your home environment, family business or pet ownership)

To be considered for interview, you must have completed at least 70 hours of work experience, with a minimum of 35 hours in a small animal or mixed veterinary practice, by the application deadline on 15 January. The further 70 hours of work experience must then be completed before you enrol.

BIOSCIENCES

Prior work experience is not required to apply for our biosciences courses.

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, animal research laboratory, pharmacy, wildlife park, zoos.

As part of your application, you are required to complete a Work Experience Form. This form, which must be **submitted before 15 October**, allows us to gain more information about your work experience placements. If you are invited for an interview, you will be required to provide references to support the information given on this form.

HOW TO APPLY

The application process varies depending on the course you would like to apply for, when you want to start, and whether you are applying from the UK, the EU or from outside of the EU.

UCAS

All students are usually required to apply for undergraduate degrees through the Universities and Colleges Admissions Service (UCAS). Applications open in July and deadlines for our courses are in October and January (please see the admissions timeline on pages 92-93 for more information).

You can use the course search tool to find the course and institution you are interested in, and begin your application.

DEFERRED ENTRY

If you are interested in taking a year out before starting your undergraduate degree, you can apply for deferred entry through UCAS. When submitting your application, select deferred entry for the following academic year.

GRADUATE DIPLOMAS

If you are interested in studying a Graduate Diploma, you do not need to submit an application through UCAS, and instead can apply directly to the RVC. Please visit the course page on our website for more information on how to apply.

INTERNATIONAL STUDENTS

If you are not classed as a UK/EU student, you are considered an international student and are subject to paying different tuition fees. However, you are still required to submit an application through UCAS. Graduates from the United States of America who are interested in studying a veterinary medicine course must apply through VMCAS instead, however. For more information on applying as an international student, please visit
www.rvc.ac.uk/international

MAKING AN APPLICATION

Follow our 10 easy steps to make an application to study at the RVC.

1 2 3 4 5

Identify the course(s) you would like to study

Browse the course pages in this prospectus and on our website to identify the course(s) that you would like to study at the RVC.

Begin your application

When you are ready to apply, and during the period where applications are open, you can begin the process through UCAS. To start, you will need to register online **www.ucas.com** and then proceed through the application pages, using the UCAS codes found on our course pages, and the institution code R84.

Write your personal statement

When applying for an undergraduate course, you will be asked to provide a personal statement to support your application. This statement is a chance for you to share with us, and other universities you have applied to, why you want to study your course, your career ambitions, and what skills and experience you have acquired.

Submit your application

Once you are happy with your UCAS application and have submitted the required information such as your qualifications and personal statement, and your referees complete the reference section*, you can submit your application.

**depending on if you are applying through a school or not*

Complete your work experience form

Our veterinary medicine programmes require varying levels of work experience before applying to study at the RVC. To let us know what work experience you have acquired, what skills and knowledge you have learned, and how this will transfer to your study and career ambitions, you are required to complete a work experience form. The work experience form can be found **www.rvc.ac.uk/workexperience**

If you are applying for a biosciences or veterinary nursing course you do not need to complete this form.

6 7 8 9 10

Track your application

Once you have submitted your application, we will take some time to review it before responding. During this period, you can monitor the status of your application through UCAS Track.

Our response

You will receive a response from us regarding your application. If you are applying for a veterinary medicine or veterinary nursing course, you may be invited to attend an interview.

Attend an interview

To make the interview experience as objective and fun as possible, we run multiple mini-interviews (MMIs) involving different stations as well as a group exercise.

These stations and group exercises will test the skills we think you need for your course and career.

Interviews are not required when applying for a biosciences course.

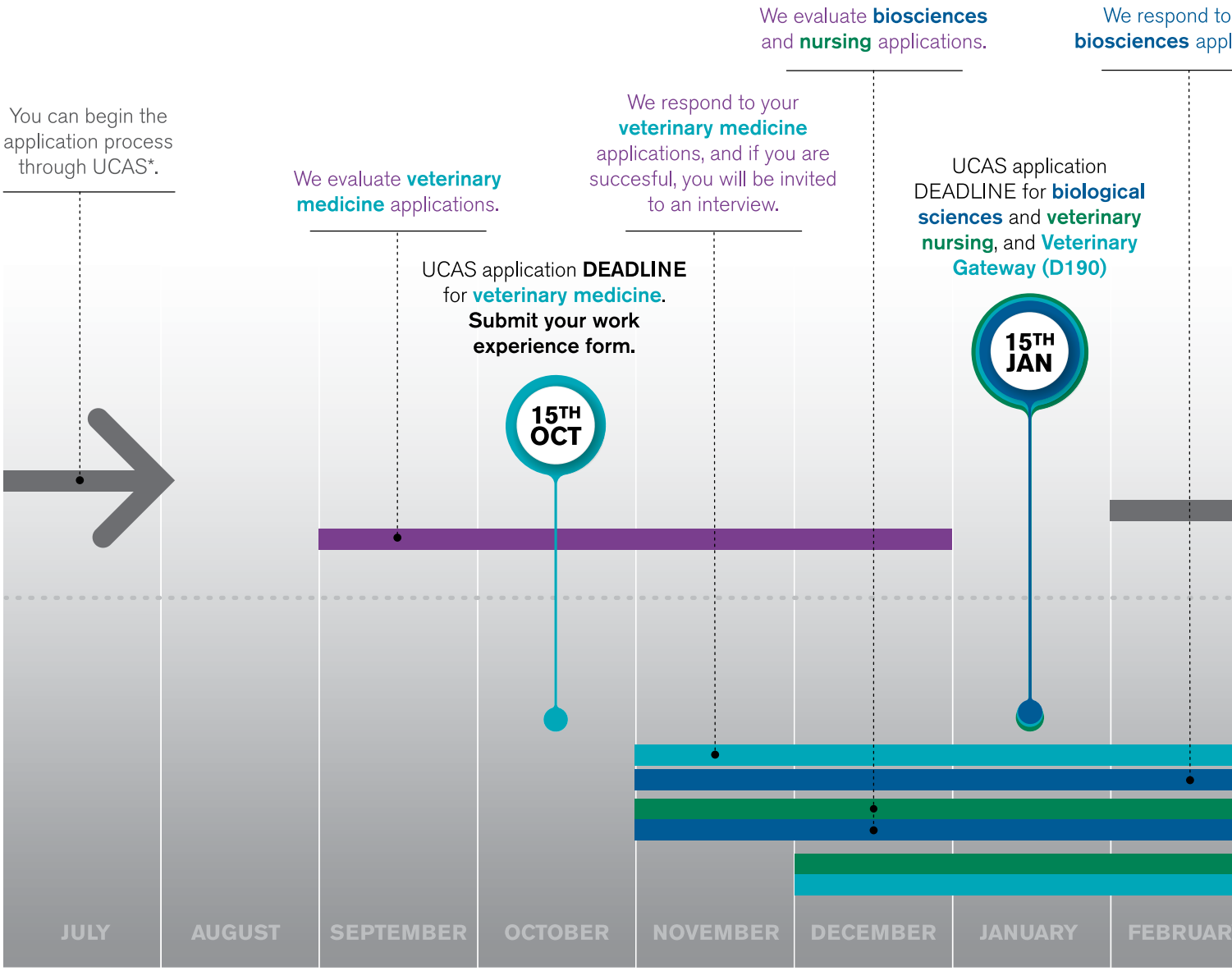
Receive an offer

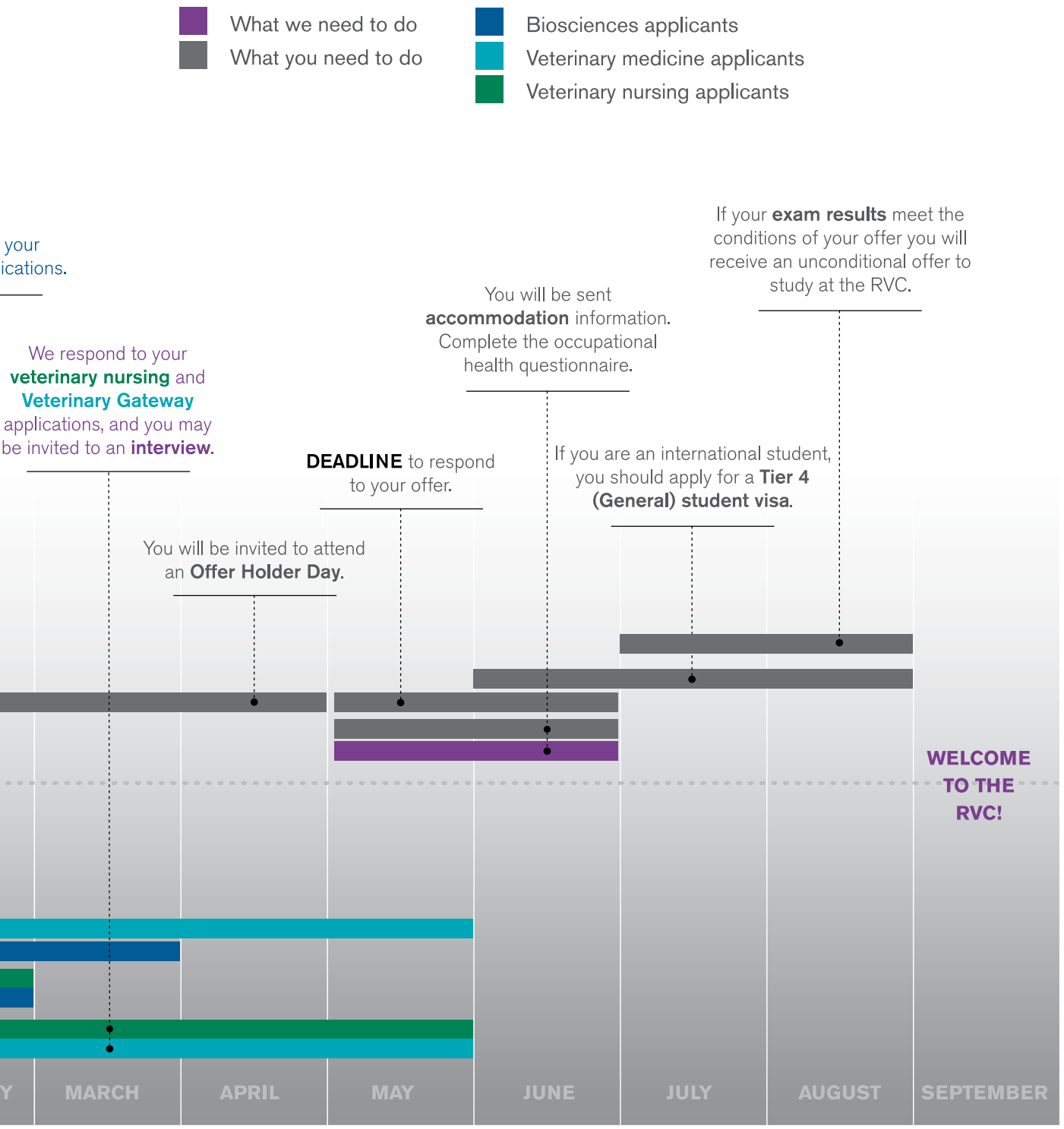
If you have been successful in your application, you will receive an offer from us. There are two types of offer; conditional and unconditional. Conditional offers mean your offer is subject to you achieving your grades or providing further information, and your place will be confirmed if you match our conditions. An unconditional offer means that you have already met our entry requirements or the conditions of our offer, and your place is confirmed if you accept the offer.

Respond to your offer

If you have been offered a place at the RVC, and would like study here, you can accept your offer. If you have decided to study elsewhere, or that you no longer want to study the course you have applied for, you do not need to accept your offer.

ADMISSIONS TIMELINE





*If you are from the USA and applying for veterinary medicine, you are required to submit your application through VMCAS. Please visit **www.rvc.ac.uk/vmcas** for more information.

FEES

How much does your tuition cost each year?

BIOSCIENCES

C100, C101, C102, C103, C300, D300, D301, D302, D303, D390, D400

£9,250

VETERINARY MEDICINE

D100, D101, D102, D190

£9,250

VETERINARY NURSING

D310, D313

£9,250

Tuition fees for Home/EU students starting a course in 2018 was £9,250. The tuition fees stated above are reflective of this, and should be used as an indicator only for starting your course in 2019, as tuition fees are subject to change in line with Government policy.

In common with other UK universities, international students are required to pay separate tuition fees.

Find out more at **www.rvc.ac.uk/international/fees**

MONEY MATTERS

Our Money Matters team can help you navigate the information and help is available on finance, fees, bursaries and scholarships. The team can also provide advice on how to budget for your time at university, taking into account your tuition fees as well as costs of living during your time at the RVC.

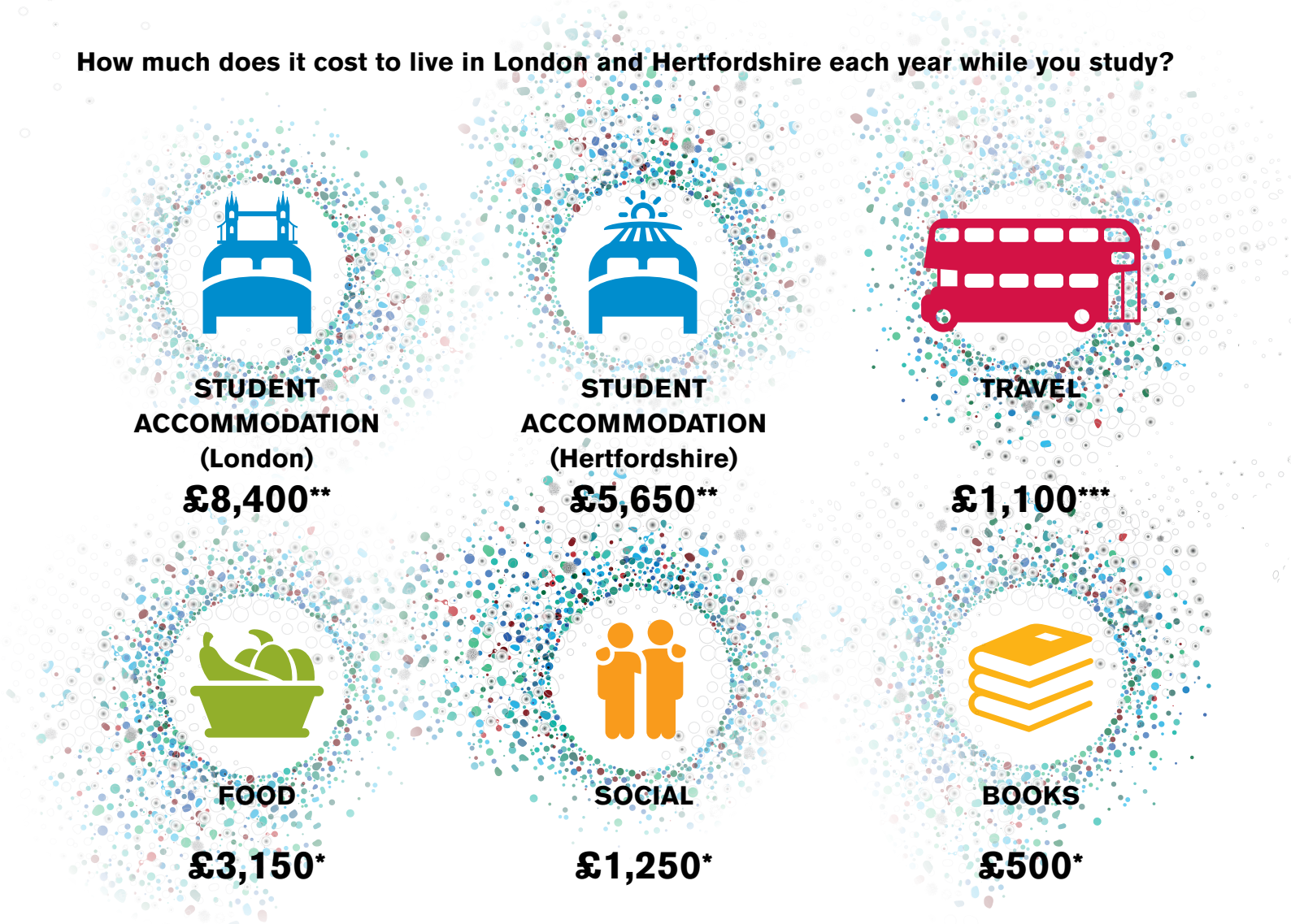
Most UK/EU students are not required to pay for tuition fees up-front, and tuition fee loans are available through the Student Loans Company to pay for these fees on your behalf.

Other financial support is available for you, such as maintenance loans to help with your living costs.

Find out more **www.rvc.ac.uk/moneymatters**

COST OF LIVING

How much does it cost to live in London and Hertfordshire each year while you study?



* NatWest Student Living Index 2016.

** Average single room occupancy for our student halls.

***Travel estimates are for London based students using an 18+ student Oyster card for zones 1-3, and Hertfordshire based students commuting by train from inside Hertfordshire. If you live in Potters Bar, you can use the free shuttle bus service.

POSTGRADUATE AND RESEARCH

At the RVC you will find a vibrant and growing postgraduate community that provides taught courses and research degrees covering a wide range of specialist subjects, each one contributing to the improvement of treatment, understanding and welfare of animals in all areas of society, across the world.

The RVC provides the opportunity to continue your study after graduation in a variety of postgraduate and research programmes, experiencing teaching approaches that help you engage the next generation of veterinary scientists, surgeons and nurses. These programmes include subjects like the conservation and preservation of species in the wild and captivity, understanding the economic importance of animals to local and global communities, and exploring how advances in farming methods can improve animal welfare and productivity.

An active research environment is critical to maintaining the relevance and dynamism of postgraduate life, and all of our programmes are supported by internationally-recognised research scientists who are engaged in projects that have global partners. We run joint programmes with the Zoological Society of London and the London School of Tropical Hygiene & Medicine. If you enrol on a postgraduate degree at the RVC, you will often find yourself embedded in joint research groups, gaining valuable experience from working with scientists from many disciplines.

The direct access to research materials, patients and experimental models is unique to the RVC, and our focus on Global Health, Global Welfare means that interactions between these varied research programmes generate one of the most fertile environments in which to train.

“Studying at RVC has given me the opportunity to follow my lifelong dream of working with big cats in the Maasai Mara, Kenya.

“The skills I learned throughout my course and the confidence I gained have been invaluable in pursuing my career goals. I am currently working as a Research Assistant for the Mara Cheetah and Lion Projects who study the big cats of the Maasai Mara to improve our understanding of these populations and make recommendations for their successful conservation.

“I do a mix of field and office work building upon skills learned in my degree. My research focus is broader than just cheetahs and lions; it also includes both large and small predators, and trying to understand their distributions in relation to each other and the various human pressures that are found the Mara. This is an amazing opportunity that would not have been possible without my degree at the RVC.”

Emily Madsen, MSc Wild Animal Biology

PRE-VET SUMMER SCHOOL

Thinking of a career in veterinary medicine or science? Join us for an exciting two-week Pre-Vet Summer School where you will gain veterinary skills and knowledge that will count towards your work experience requirements for courses at the Royal Veterinary College, and get a taste of student life at the RVC.

You will spend one week in our globally recognised animal hospitals and research facilities, gaining experience in the veterinary and science environment, where you will meet our student ambassadors and academic tutors.

You will also have the opportunity to explore London, the international student hub of the world. There are over 100,000 international students in the city, and because there are 45 universities in London it is not just a world capital but also an epicentre of higher learning! This means that you can take advantage of the many student discounts and offers, and get involved with regular student events across the city.

HIGHLIGHTS

Explore our state-of-the-art clinical facilities, including small animal referrals hospital, Boltons Park Farm, equine referral hospital, first opinion practice and clinical pathology labs.

Learn more through our practical teaching sessions, such as the clinical case study, animal behaviour workshops, clinical skills workshops, structure and motion workshops, and dissection experience.

Enjoy and experience student life at the RVC through group projects and presentations, interact with current students to find out what student life is really like, meet academic staff, and receive valuable insight on how to prepare for interviews and how best to make an application for our courses.

Get out of the lecture theatres and labs, and take part in our exciting range of social activities exploring everything London and the surrounding area has to offer. There will be team games and events, the chance to visit famous London landmarks, attend London's best attractions such as ZSL London Zoo, improve your cooking skills with our master chef competition, and work up a sweat in our new Sports and Wellbeing Centre.

WHERE WILL I STAY?

Summer School students will live in our on-campus accommodation, College Close.

- Eleven independent houses based on-campus
- Separate male and female accommodation
- Fully-equipped and furnished housing with bathroom facilities and kitchen facilities
- Internet access available in each house
- 24-hour security
- Utilities and bed linen is included (but not towels)

WHEN AND HOW MUCH?

The annual Pre-Vet Summer School runs in July/August. Please check our website for upcoming dates and application deadlines.

The Summer School costs £2,360*. This includes accommodation, breakfast, lunch and evening meals, social activities, equipment, specialist clothing and Heathrow airport transfer.

Payment for your visa, airfares, travel and health insurance or transport from other UK airports must be arranged separately.

The Royal Veterinary College awards two international scholarships and one domestic scholarship for the Pre-Vet Summer School.

*Price reflects the 2018 Pre-Vet Summer School and is subject to change in subsequent years.

ENTRY REQUIREMENTS

To apply for the Pre-Vet Summer School, you must be aged 16 or over, and you are required to have a good academic standing and be studying biology, chemistry or physics at higher/advanced level.

If English is not your first language, you will need to provide evidence of your English language proficiency (for example, 6.5 in IELTS or an equivalent English language qualification).

HOW TO APPLY

The Pre-Vet Summer School is a competitive programme, with only 50 places available to the strongest applicants. As well as being assessed on your academic suitability, we will also request a personal statement to help us decide who to offer places to.

To find out more and to apply, visit
www.rvc.ac.uk/prevetsummer

OPEN DAYS

There is no better way to get an insight into student life at the RVC than attending our Open Day.

Open days give you the opportunity to learn more about our biosciences, veterinary medicine and veterinary nursing courses, and:

- talk to our academic staff and discover which course is right for you
- tour our award winning, on-campus accommodation
- explore our world-class facilities, including our laboratories and animal clinics
- get advice on student finance, and living and learning in London and Hertfordshire
- find out what student life is really like from our Student Ambassadors

Our Open Day takes place in May. Find out more and book your place ❯ **www.rvc.ac.uk/openday**

BIOSCIENCES PATHWAYS OPEN DAY

In addition to our Open Day, we host an annual Biosciences Pathways Open Day where you can learn more about BSc and MSci Biological Sciences and Bioveterinary Sciences programmes at the RVC.

Members of staff will be available to discuss aspects of our BSc and MSci programmes, the entry requirements, and the teaching and research facilities. In addition, current students of the RVC will take you on a tour of the Camden Campus and provide a first-hand account of student life at the RVC.

Our Biosciences Pathways Open Day takes place in November. Find out more and book your place ❯ **www.rvc.ac.uk/visitus**

VISIT US

www.rvc.ac.uk/visitus

If you can't make an open day, or would like to spend some more time exploring the RVC, there are plenty of opportunities throughout the year to visit us.

OPEN HOUSE

Visit us at an Open House event where we open up our campuses to students, parents, teachers and careers advisers. You can take a student-led tour of our campuses and hear more about life at the RVC.

TASTER COURSES

Sign up for a Taster Course at the University of London where Year 12 students will have the opportunity to get hands-on experience of our courses.

VIRTUAL RVC

Explore the RVC online, taking virtual tours of our campuses, hear from students and find out more about our animal hospitals. Take a virtual tour at **www.rvc.ac.uk/virtualtour**

UCAS EXHIBITIONS

Come along to a UCAS exhibition held across the country and visit the RVC stand for more information on our courses. In 2018 we will be exhibiting at the following UCAS Exhibitions:

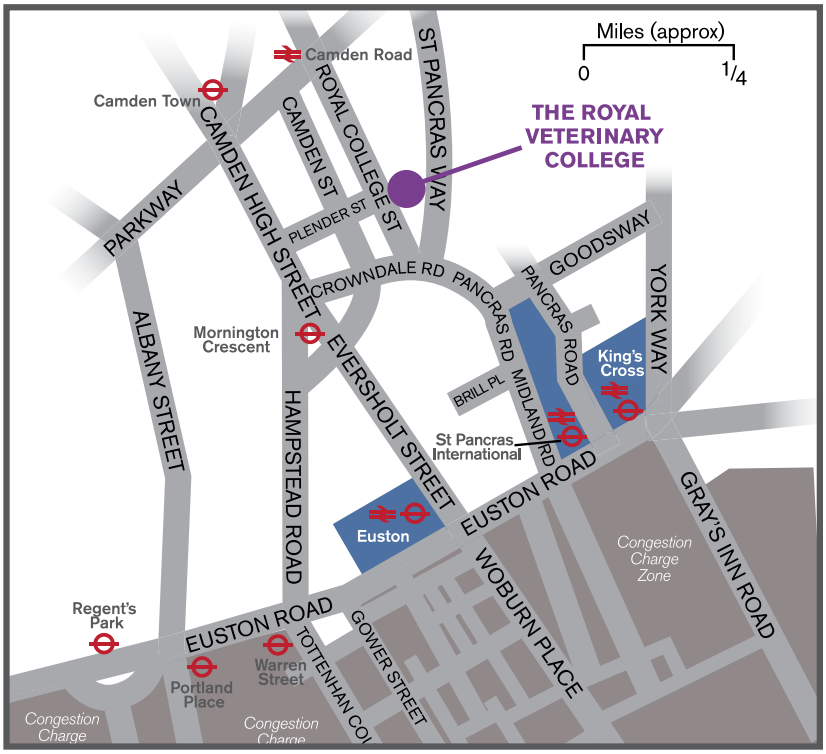
DATE	LOCATION
28 February – 1 March	Northern Ireland
6 March	Sussex
12 – 13 March	Surrey
13 – 14 March	Manchester
14 – 15 March	West London
20 – 21 March	Exeter
28 March	Cardiff
11 – 12 April	Bristol
18 – 19 April	London
26 – 27 April	Hampshire
30 April	Kent
12 June	Suffolk
13 June	Norfolk
13 – 14 June	Merseyside
14 – 15 June	East Midlands
20 – 21 June	Essex
21 June	Sheffield
25 – 26 June	Birmingham
27 – 28 June	West and North Yorkshire
28 – 29 June	Bedfordshire

FARM EXPERIENCES

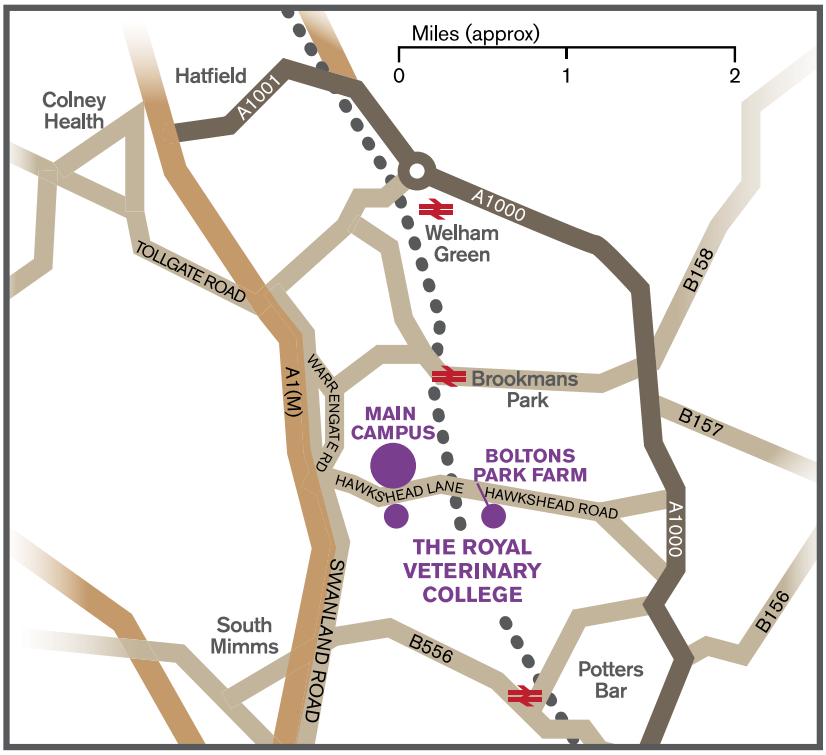
Join us at Boltons Park Farm and our regional centres in Dorset and Wales for taster weeks, farm days and residential courses where we provide practical farm and veterinary experience as well as the opportunity to see a real working farm in action.

CAMPUS LOCATIONS

CAMDEN



HAWKSHEAD



CONTACT US

HAWKSHEAD CAMPUS

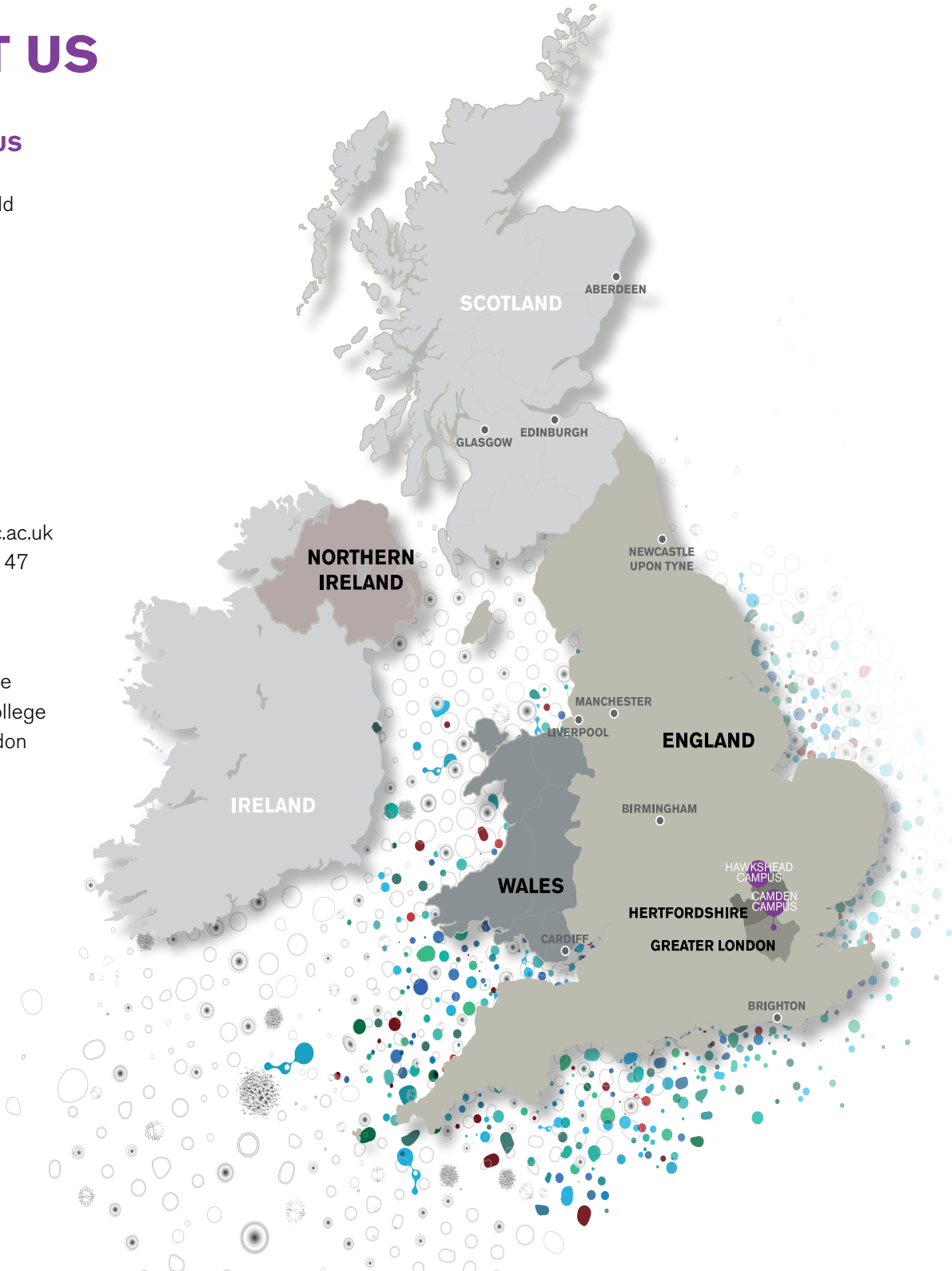
Royal Veterinary College
Hawkshead Lane, Hatfield
Hertfordshire
AL9 7TA

CAMDEN CAMPUS

Royal Veterinary College
Royal College Street
London
NW1 0TU

EMAIL: admissions@rvc.ac.uk
TEL: +44 (0)20 74685147

Facebook: /thervc
Twitter: @royalvetcollege
Instagram: @royalvetcollege
YouTube: /royalvetslondon



ROYAL VETERINARY COLLEGE

Celebrating over 227 years.
Still making history.

Established in 1791, the RVC is the UK's longest-standing veterinary school – with a proud heritage of innovation in science, clinical practice and education.