



**UNIVERSITY
OF LONDON**

Postgraduate programmes in Veterinary Science

Livestock Health and Production

Veterinary Epidemiology and Public Health

The World Class: studied anywhere,
valued everywhere.

london.ac.uk/rvc

Academic direction by



**Royal
Veterinary
College**
University of London



Join the World Class

1 Study internationally relevant issues
You will gain specialist skills and global perspectives that are highly valued in the field of veterinary science.

2 Quality of learning
Academic leadership is provided by the Royal Veterinary College, which was ranked as the world's number one veterinary school in the prestigious QS World University Rankings 2019.

3 Continue your professional and academic development
Help boost your career progression by enhancing your practical experience and professional knowledge.

4 Enjoy the benefits of distance and flexible learning
Study online from anywhere in the world, at your own pace, without taking time out of your career. You'll have access to learning resources that foster an engaging and motivating learning experience.

5 A trusted name in global education
The University of London is one of the oldest and most prestigious universities in the UK, and is internationally regarded as a centre of academic excellence.

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Key dates

Application deadline
15 December

Registration deadline
15 January

Programme starts
February

Examinations take place
October

Please note: There is no application or registration deadline for 35- and 50-hour individual modules.

**The RVC
programmes have
a global reach
with over 200
students spanning
the globe, so
you never have
to study on
your own.**

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Outstanding distance learning opportunities



Dr Christine Thuranira-McKeever

Director of Distance Learning Programmes, Royal Veterinary College

As Programme Director, I have overall responsibility for providing academic and administrative guidance for the programmes featured in this leaflet. Providing distance learning courses through the University of London is a challenging but very rewarding role.

We have students from all over the world and our team works very hard to ensure that we offer them programmes that are of an academically high standard and relevant to the contemporary needs of livestock farming and veterinary medicine. All of our courses have been designed to be of worldwide relevance, and offer options that are suitable for people of diverse professional backgrounds.

It's a wonderfully rewarding experience to see our students successfully completing their courses and graduating.



Internationally relevant

The programmes in this leaflet will be of interest to veterinarians, livestock farmers and scientists who wish to continue their professional and academic development. We expect that graduates of these programmes will be able to:

- improve the health and production of livestock
- understand the interaction of livestock with people and the environment
- gain an overview of the factors that influence livestock production (including components on nutrition, reproduction, disease, welfare and the environment)

- implement control strategies by integrating this knowledge with the principles of epidemiology, economics and disease control within the context of management and infrastructure

- address the interaction between livestock and the public, in terms of zoonotic diseases and clean food production

- communicate effectively on the health of animal and human populations to a range of audiences, including the general public, farmers, politicians and other key policymakers.

Developed by experts

Gain a prestigious master's developed by experts at the Royal Veterinary College. Whether you're a veterinarian, livestock farmer or scientist, there are options to suit you. We also offer a wide range of individual modules that are available to study on a stand-alone basis and give you an idea of the topics covered on the master's programmes.

A trusted name in education

The University of London is one of the world's leading universities, internationally recognised for its high academic standards. With over 150 years of experience in distance education, our flexible online programmes provide world-class qualifications.

Among former students are seven Nobel Prize winners, including Nelson Mandela and Charles Kao. Graduates have made and continue to make significant contributions worldwide.

London made global

Founded in 1836, the University of London is one of the oldest and most prestigious universities in the UK and is internationally regarded as a centre of academic excellence. In 1858, we made our programmes available to study anywhere in the world.

The Royal Veterinary College

The foundation of the Veterinary College, London – now the Royal Veterinary College (RVC) – in 1791, marked the establishment of the veterinary profession in the UK. The RVC is the largest veterinary school in the country and was ranked as the world's number one veterinary school in the QS World University Rankings 2019.

The College has over 2,500 students enrolled on undergraduate, postgraduate and continuing professional development programmes and four state-of-the-art teaching and referral hospitals, providing services to the public and the veterinary profession.

The College's reputation for excellence and pioneering work in teaching and research makes us stand out from the crowd, and our independent status enables us to innovate and keep at the forefront of theory and practice. Postgraduate students are taught by experts in their field and are provided with the specialist knowledge and skills required to make it to the very top of their chosen profession.



Professor Stuart Reid CBE BVMS PhD DVM DipECVPH FRSB FRSE FRCVS

Professor Reid is the Principal of the Royal Veterinary College. He is recognised by the Royal College of Veterinary Surgeons as a specialist in veterinary epidemiology and as an expert in veterinary public health by the European Board of Veterinary Specialisation. He is also a graduate of the University of Glasgow and has led the RVC since 2011.

Photo: Mark Thomas, Veterinary Record

How you study



Flexible study

If your job requires frequent travel or you work irregular hours, distance learning offers a means of furthering your studies without having to attend the University in person. You also avoid additional travel, accommodation and living expenses of being a full-time student in London.

How we support you

Although you are provided with all the materials you need to successfully complete your studies with a minimum of direct academic support, you do receive support in several ways:

- for each module, you can submit up to two written assignments for tutor feedback and assessment

- RVC's Distance Learning Programme Office offers help and advice with academic matters. All non-academic matters should be directed to the University of London.

Virtual Learning Environment (VLE)

Our VLE forms an essential part of your studies.

- You will be encouraged to connect and communicate with other students on the programme via the Student Discussion forums.
- Online Tutorials will allow you to discuss any course material queries with a tutor and fellow students.
- Webinar Teaching sessions will offer a further opportunity to learn via a 'live' teaching session.

You may liaise with tutors via these online events only. No direct access to tutors is provided outside of these times.

The VLE also provides access to the RVC community, online library and study materials.

Computing requirements

We set minimum basic computer requirements because your study resources are available via the Virtual Learning Environment and it is vital that you can access this regularly. For this programme, you will need regular access to a computer with an internet connection. Some modules have specific software requirements. For more information please visit: bit.ly/rvc-veph-modules

Study materials

The study materials you receive include:

- a Programme Handbook and Student Guide containing advice and important dates
- a study pack (depending upon the option taken, this may be offered online via our VLE, or in hard copy format) including a study guide, reader and textbooks (for certain modules only)

Period of study

MSc and Postgraduate Diploma students have between two and five years to complete the programme. Postgraduate Certificate students

have between one and five years. If you successfully complete one level of award and progress in your studies, then your registration end date will remain unchanged.

Time commitment

Each module of the degree programme is estimated to take 240 hours to complete (study units and compulsory written assignment). You may find that some units will take you more or less time, depending on your familiarity with the subject. Additional time will be necessary for personal study and revision.

Assessment

Each module is examined by a three-hour, unseen written examination, and a Tutor Marked Assignment (TMA). The two elements are weighted: unseen written examination (80 per cent) and compulsory TMA (20 per cent).

Exams

Exams take place once a year in October. If you fail an exam at the first sitting, you will have one further attempt. Exams are usually held in your country of residence. We have examination centres in over 180 countries worldwide.



Susan Goebel

‘RVC has an incredible reputation and I was thrilled to be accepted and complete my degree through the University. The interaction during the tutorials was often the most rewarding. A number of the tutorial leaders were amazing.’

MSc Veterinary Epidemiology and Public Health,
Canada

Livestock Health and Production

This programme is aimed primarily at veterinarians, animal health specialists and livestock farmers. Optional modules make this programme suitable for people from a range of professional backgrounds. The programme addresses contemporary issues of livestock production and has a worldwide relevance.

MSc degree

Seven modules (three core, four optional).

Postgraduate Diploma

Four modules: 'Animal disease (current concepts)', at least one of the other compulsory core modules, plus two other modules, chosen from the remaining core module and the optional modules of the MSc degree (excluding the 'Research project').

Postgraduate Certificate

Two modules, of which one must be 'Animal disease (current concepts)' and the other must be chosen from 'Developing and monitoring of livestock production systems' or 'Principles of livestock production'.

Please note: you must register for the compulsory core modules prior to commencing the optional modules.



Structure
Three compulsory core modules:
Animal disease (current concepts)
Developing and monitoring of livestock production systems
Principles of livestock production
PLUS four further optional modules selected from:
Animal welfare
Economics for livestock development and policy
Epidemiology and animal health economics
Management of infectious disease outbreaks in animal populations
Reproduction and fertility – a species approach

Research design, management and grant application writing
Research project in livestock health and production
Sustainable livestock farming in the environment
Veterinary public health

Please note: for a more detailed breakdown of the structure, visit: bit.ly/rvc-lhp-structure

Veterinary Epidemiology and Public Health

This programme is aimed at animal health specialists, epidemiologists and public health specialists with an understanding of the conceptual basis of veterinary epidemiology and public health.

MSc degree

Seven modules
(three core, four optional).

Postgraduate Diploma

Four modules: 'Epidemiology and animal health economics' and 'Veterinary public health', plus two other modules chosen from the remaining core module and the optional modules of the MSc degree (excluding the 'Research Project').

Postgraduate Certificate

Two compulsory core modules in 'Epidemiology and animal health economics' and 'Veterinary public health'.

Please note: you must register for the compulsory core modules prior to commencing the optional modules.



Structure

Three compulsory core modules

Epidemiology and animal health economics

Statistical methods in veterinary epidemiology*

Veterinary public health

PLUS four further optional modules selected from:

Advanced statistical methods in veterinary epidemiology*

Developing and monitoring of livestock production systems

Economics for livestock development and policy

Management of infectious disease outbreaks in animal populations

Research design, management and grant application writing

Research project in veterinary epidemiology and public health

Surveillance and investigation of animal health*

*These modules have additional computing requirements, for more information please see the individual module descriptions at:

bit.ly/rvc-veph-modules

Please note: for a more detailed breakdown of the structure visit: bit.ly/rvc-veph-structure



Continuing Professional Development (CPD)

Individual modules designed for Continuing Professional Development are offered and allow you to sample a discrete learning unit.

240-hour individual modules

- These are the individual modules of the two degree programmes.
- Assessment includes one three-hour, unseen written examination, and a Tutor Marked Assignment (TMA). The course material offers a choice of questions to respond to. If successful, we will send you a Certificate of Achievement.
- Examinations take place in October and may be sat in the country of your choice.
- These are credit-bearing modules. Upon successful completion, you may request to transfer to the degree programme.
- Application deadline: 15 December studies commence: February.

50-hour and 35-hour individual modules

- These modules, taken from the degree programmes, enable you to study a stand-alone unit without committing yourself to a full module.
- They are suitable for both non-graduates and graduates.
- There are no entrance or English language requirements.
- You may choose to be assessed and, on successful completion, you will receive a Certificate of Achievement.
- These modules are non-credit bearing and do not offer access to academic tutorials or webinars.
- Application deadline/commencement of studies: you may apply and study whenever you feel able. There are no set deadlines.

Spatial Epidemiology individual modules

For more information on these modules visit: bit.ly/spatial-epidemiology

For further information (module outlines, fees and how to apply) please see: london.ac.uk/rvc



Barry Robinson

‘I chose to enrol in the individual modules as a way to supplement a master’s degree in veterinary public health undertaken at the University of Sydney. I was impressed by the individual modules offered by RVC. They were complete, self-contained, up-to-date and relevant. I have been able to apply skills acquired in spatial analysis when investigating outbreaks on prawn farms, leading to the development and implementation of control strategies on-farm.’

240-hour Individual Modules,
Australia

A unique global community

Our current students by country

Anguilla	Northern Ireland
Bangladesh	Pakistan
Canada	Republic of Ireland
Croatia	Rwanda
Czech Republic	Spain
France	South Africa
Ghana	Sri Lanka
Hong Kong	Switzerland
India	Tanzania
Kenya	Thailand
Malawi	Uganda
Malaysia	United Arab Emirates
Mauritius	United Kingdom
Namibia	United States of America
New Zealand	Zambia
Nigeria	

Key

- Current students by country
- Testimonials from some of our graduates



'This course helped me gain expertise in perfecting risk analysis and management of disease outbreaks. We are now working on a contingency plan for mad cow disease using the knowledge I gained.'

Daniel Karugu

MSc Veterinary Epidemiology and Public Health, Kenya



'I would encourage vets who want a challenge to seriously consider the benefits of postgraduate study. It could open up a whole new world of opportunity!'

Philip Robinson

MSc Veterinary Epidemiology and Public Health, United Kingdom



'It's so flexible and it is a well-recognised university. I have a full-time job and three children, and I managed to combine studying with my job and taking care of my children.'

Birgitte Sundt Granberg

MSc Veterinary Epidemiology and Public Health, Norway



'The best bit is being part of a bigger community of students and also having access to the resources that they offer. It is very helpful to have access to an extensive online library, especially if you are working in research.'

Petra Briene

MSc Livestock Health and Production, Belgium



'I really enjoyed learning about how ecosystems impact on which farming enterprise will be most profitable and also about the economics of disease control and eradication strategies.'

Laura Macfarlane

MSc Veterinary Epidemiology and Public Health, Australia



'It is inspiring to see how education of veterinarians in developing countries really can make a difference to the quality of their work and their motivation, and improve standards of animal health and welfare.'

Ilona Otter

MSc Livestock Health and Production, India

Entrance requirements and further information

Entrance requirements

MSc degree

EITHER a Second Class honours degree (or equivalent) in a scientific subject, veterinary or animal science, agriculture, biological sciences or medicine

OR a Second Class honours degree (or equivalent) in a scientific discipline which has included suitable training.

Postgraduate Diploma/Certificate and 240-hour individual modules

A degree, or a technical or professional qualification and work experience considered appropriate and relevant by the University.

English language requirement

With the exception of students taking 35-hour or 50-hour individual modules, all applicants must provide evidence of their English language ability. For more information on the English requirement for the programmes, please visit: london.ac.uk/rvc

How to apply

For the MSc, Postgraduate Diploma, Postgraduate Certificate and 240-hour individual modules, please apply online via the course web pages:

london.ac.uk/rvc as soon as possible, but no later than 15 December.

Fees

You can choose to pay the total amount upfront, or pay as you go, for each new module you take.

Fees are subject to annual revision and typically may be increased by up to five per cent per annum. The full list of annual fees for the programmes are published on the Student Fees web page; please visit: london.ac.uk/fees


Please note: The student fee shown is net of any local VAT, Goods and Services Tax (GST) or any other sales tax payable by the student in their country of residence. Where the University is required to add VAT, GST or any other sales tax at the local statutory rate, this will be added to the fees shown during the payment process. For students resident in the UK, our fees are exempt from VAT.



Joseph Montebello

'I must admit that I did not fully realise the diversity of potential job roles available to me through taking this programme. I would recommend this programme to people, who like myself, may have previous relevant undergraduate qualifications and an appropriate interest in this area, but need additional education and qualifications to secure their dream career path. As well as specialising, this course allows you to get a broad, but comprehensive overview, of veterinary epidemiology and global public health issues.'

Postgraduate Diploma in Veterinary Epidemiology and Public Health, United Kingdom



The information contained in this leaflet was correct at the date of publication but may be subject to change. The University does not intend by publication or distribution of this leaflet to create any contractual or other legal relation with applicants, registered students, their advisers or any other persons. For the most up-to-date information, please visit our website.

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This material is available in alternative formats upon request.
Please contact: special.arrangements@london.ac.uk



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