



INTERNATIONAL
PROGRAMMES

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Important information regarding the Programme Specification

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About this document

The Programme Specification gives a broad outline of the structure and content of the programme, the entry level qualifications, as well as the learning outcomes students will achieve as they progress. Some of the information referred to in a programme specification is included in more detail on the University of London International Programmes (International Programmes) website. Where this is the case, links to the relevant webpage are included.

Where links to external organisations are provided, The University of London is not responsible for their content and does not recommend nor necessarily agree with opinions expressed and services provided at those sites.

If you have a query about any of the programme information provided, whether here or on the website, registered students should use the *ask a question* tab in the student portal <https://my.londoninternational.ac.uk>; otherwise the *Contact Us* button at e

Title and name of awards

Award titles

Lead College

See [Glossary](#) for an explanation of Lead College.

Royal Veterinary College

Accreditation by professional or statutory body

Not applicable

Language of study and assessment

English

Mode of study



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- x Facts on economic and livestock policy for development under different socio-economic conditions.

The **learning outcomes** of the programmes are as follows:

Knowledge and Understanding

An MSc student will be able to demonstrate an understanding of:

- x Internal and external components of health and how animals respond to agents of disease, at an individual and population level.
- x How feeding, breeding, management and interaction with the environment, influence animal production and disease.
- x Appropriate husbandry for different animals in diverse environmental and socio-economic conditions.
- x The role in the protection of human health through the safe production of foods of animal origin, control of zoonotic disease and environment.
- x The diseases of major economic importance in each category of farm animal production.
- x Management and manipulation of fertility to optimise animal productivity.
- x Future livestock development and the provision and use of tools to analyse the issues confronting producers, their advisers, planners and policy makers.
- x The threats presented by changes in the environment on livestock production and how global and regional environmental changes can impact on sustainability of farming systems.
- x Concepts of epidemiological investigations and the use of economic methods in animal health and production.
- x Principles of undertaking a research project, including how to formulate a hypothesis, analyse and present data and how to develop a grant application.

A Postgraduate Diploma student will be able to demonstrate an understanding of:

- x Internal and external components of health and how animals respond to agents of disease, at an individual and population level.
- x How feeding, breeding, management and interaction with the environment, influence animal production and disease.
- x Appropriate husbandry for different animals in diverse environmental and socio-economic conditions.
- x The diseases of major economic importance in each category of farm animal production.
- x Management and manipulation of fertility to optimise animal productivity.
- x Future livestock development and the provision and use of tools to analyse the issues confronting producers, their advisers, planners and policy makers.

A Postgraduate Certificate student will be able to demonstrate an understanding of:

- x How feeding, breeding, management and interaction with the environment, influence animal production and disease.
- x Appropriate husbandry for different animals in diverse environmental and socio-economic conditions.

Practical skills

A student will be able to:

- x Adapt locally available raw materials, conditions, rules and management structure to optimise animal health and production.
- x Demonstrate scientific skills, including critical review of the scientific literature.
- x Use decision-making skills to analyse animal health problems at farm and national level.

Intellectual and Cognitive skills

A student will be able to develop skills in:

- x Planning
- x Logic and reasoning
- x Comprehension
- x Visual and auditory processing
- x Long-term memory

Transferable skills

A student will be able to develop and demonstrate:

- x Independent learning, taking responsibility for own studies.
- x Time management skills.
- x Organizational skills.
- x Becoming a reflective self-manager, by taking a systematic, analytical, strategic and reflective approach to study tasks.
- x Information gathering and analytical skills to make own judgements about ideas and knowledge.
- x Language skills.
- x Information technology skills.
- x Understanding of own strengths and weaknesses, remaining optimistic by positive thinking in an isolated study situation.

Veterinary Epidemiology and Public Health: MSc degree, Postgraduate Diploma and Postgraduate Certificate

These programmes are aimed at animal health specialists, epidemiologists and public health specialists with an understanding of the conceptual basis of veterinary epidemiology and public health.

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- x Principles of undertaking a research project, including how to formulate a hypothesis, analyse and present data and how to develop a grant application

A Postgraduate Diploma student will be able to demonstrate an understanding of:

- x Concepts of epidemiological investigations and to use economic methods in animal health and production.
- x Statistical methods used in veterinary epidemiology to analyse data
- x The role in the protection of human health through the safe production of foods of animal origin, control of zoonotic disease and environment.
- x Future livestock development and the provision and use of tools to analyse the issues confronting producers, their advisers, planners and policy makers.

A Postgraduate Certificate student will be able to demonstrate an understanding of:

- x Concepts of epidemiological investigations and to use economic methods in animal health and production.
- x The role in the protection of human health through the safe production of foods of animal origin, control of zoonotic disease and environment.

Practical skills

Depending on the level of award achieved, a student will be able to:

- x Analyse epidemiological data and interpret them clearly
- x Display spatial maps using geographical information systems software
- x Perform risk analysis and build and analyse risk models
- x Develop scientific skills, including critical review of the scientific literature.
- x Demonstrate decision-making skills to analyse animal health problems at farm and national level.

Together with the specific knowledge based and practical skills, all students are expected to acquire a range of cognitive and transferable skills.

Intellectual and Cognitive skills

A student will be able to develop skills in:

- x Planning
- x Logic and reasoning
- x Comprehension
- x Visual and auditory processing
- x Long-term memory

Transferable skills

A student will be able to develop and demonstrate:

- x Independent learning skills, taking responsibility for own studies.
- x Time management skills.
- x Organizational skills.

- x Becoming a reflective self-manager, by taking a systematic, analytical, strategic and reflective approach to study tasks.
- x Information gathering and analytical skills to make own judgements about ideas and knowledge.
- x Written skills.
- x Information technology skills.
- x Understanding of own strengths and weaknesses, and ability to work effectively in an isolated study situation.

Learning, teaching and assessment strategies

These programmes are designed so that the student is provided with all the primary material required to complete the module. This includes directed study notes in a Study Guide, a collection of reading material such as journal articles and extracts from text books (the Reader) and textbooks where appropriate. Wider reading to supplement the study material is recommended.

These programmes combine educational methods that encourage self-directed learning, reflection on personal experience, and critical thinking with web technology and access to online resources. The programme uses a virtual learning environment that enables students to engage in collaborative learning. Students can also contact academic tutors through the distance learning office at RVC.

Up to three Tutor-marked assignments (TMAs) may be assessed for each module; from 2018 a maximum of two TMAs may be assessed per module. These TMAs act both as formative and summative assessments. Each TMA is marked and returned to the student to help the student understand how well they are doing and learn how to improve. The highest mark gained counts towards the formal coursework assessment element for the modules.

In these programmes unseen written examination constitutes 80% of the programme assessment. The unseen written examinations are structured not only to assess knowledge and understanding but also to examine the way that students manage data, solve problems, evaluate ideas and the organizational skills they use to structure answers, while allowing the standard of intellectual and transferable skills to be assessed.

There is one optional module (the Research Project) available on the MSc degree which is assessed by submission of a research paper and by an oral examination. Specific practical skills and transferable skills are assessed.

Assessment criteria for the programme are used to measure the level at which the skills have been achieved.

Assessment methods

MSc, Postgraduate Diploma and Postgraduate Certificate

With the exception of the Research Project, modules are assessed by one three-hour unseen written examination, which may contain essay and/or shorter questions.

Students will also be required to submit up to three TMAs per module, the highest mark of which will count as part of the formal assessment.

- x access to the University of London library - registered students may use the resources located within the Senate House library (for a small additional fee);
- x access to the

University of London International Academy committees and subcommittees encourage student membership where possible. Some programmes recruit their own student representatives at the programme level.

After graduation

Possible routes to further study

Successful completion of the programme may serve as preparation for students who wish to go on to take further study in the subject area – whether to be undertaken at the Royal Veterinary College or elsewhere.

Possible graduate employment routes

The Livestock Health and Production and Veterinary Epidemiology and Public Health programmes are designed for those who wish to pursue careers as veterinarians, animal health specialists and livestock farmers.

Careers advice and resources

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