

RVC

**Royal
Veterinary
College**

University of London

LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE



**ONE HEALTH
(INFECTIOUS
DISEASES)**

**POSTGRADUATE
COURSES**

2015-16



FIND GLOBAL SOLUTIONS TO GLOBAL PROBLEMS

If you want to make a difference to global health and welfare, there's no better place to develop your skills than at the Royal Veterinary College and the London School of Hygiene and Tropical Medicine.

With over 300 years' combined experience of shaping the next generation of health, medical and veterinary professionals, the RVC and LSHTM have a reputation for excellence that is respected around the world. The One Health programme offers the fulfilling opportunity to improve global health and enhance your career.



Give yourself the best possible chance of a career in One Health by studying at the RVC and LSHTM.

Visit www.rvc.ac.uk today.

One Health: Local, national and global change

Never far from global news in recent years, emerging animal and human diseases are a reflection of shifting environmental, social and agricultural conditions, and are a threat to animal and human health and welfare.

This unique postgraduate course is delivered jointly by the Royal Veterinary College (RVC) and London School of Hygiene and Tropical Medicine (LSHTM), and examines infectious diseases such as the zoonotic strains of highly pathogenic avian influenza viruses currently circulating in the Far East, and pandemic human influenza

H1N1 (known as swine flu). Changing agroecological and economic conditions are at the root of their emergence, whilst altering contact patterns between wildlife, livestock and people explain the emergence of HIV, Ebola, Nipah Viruses and SARS/ MERS coronaviruses.



WHAT YOU'LL STUDY

Term one

The course begins with a short orientation period at RVC and LSHTM. It includes sessions on computing and study skills as well as visits to one or more of our partnering Institutions: the London International Development Centre, Chatham House, Public Health, England and Animal and Plant Health Agency. You'll take the following compulsory modules: Foundations of One Health; Introduction to Disease Agents for One Health; Infectious Disease Emergence; Introduction to One Health Epidemiology

Term Two

While based at the RVC, you'll study a further three compulsory modules: Economics of One Health; One Health Skills; Medical Anthropology and Public Health. You'll also take a further module at LSHTM selected from the following: Vector Biology and Vector-Parasite Interactions; Environmental Epidemiology; Epidemiology and Control of Communicable Diseases; Globalisation and Health

Term Three

The final four months of the programme are spent working on your individual project. This consists of a research proposal and literature review and a study, which can be either empirical, strategic or policy based and we encourage a field-based engagement with or without a laboratory component. Participants sponsored by their employer often carry out a project related to their work in the country of residence.

YOUR CAREER

A postgraduate qualification from both the RVC and LSHTM is highly regarded and recognised internationally. This is one of very few face-to-face MSc One Health courses – now globally recognised as a valuable approach to resolving highly complex health challenges.

Global ministers of state and international agencies are currently establishing joint committees between public health and veterinary authorities – with close links to wildlife and environmental agencies – with a view to developing inter-sectoral programmes. The One Health course will provide training that will fulfill this growing demand. This course will also continue to contribute to successful careers in government, research and other organisations where professionals are involved in the implementation and management of health programmes.

YOUR AIMS AND OBJECTIVES

The course will benefit those interested in One Health and disease prevention and control, particularly in the developing world. It provides a comprehensive foundation on the principles of diseases in the context of social-ecological systems, global health and food safety.

IT'S YOUR CHOICE

- Diploma
- MSc

AT THE END OF THE COURSE YOU WILL BE ABLE TO:

- Approach One Health problems using a trans-disciplinary methodology
- Understand the origin, context and drivers of infectious disease at the human, animal and environment interface
- Evaluate the impacts of multi-host infections on human, animal and ecosystem health, directly or indirectly via food, vectors or the environment
- Develop a One Health systems-based approach to disease in surveillance, diagnosis, prevention and control
- Critically review published literature
- Design and complete a research project.





MAKE THE GRADE

You'll need at least a second class university honours degree. We invite applications from candidates with a background in public health, veterinary sciences, medicine, biological sciences, social, economic and environmental sciences and ecology and wildlife health.

HOW TO APPLY

The application deadline is 30th July. To register your interest, please email admissions@rvc.ac.uk

Please check the website for the course fee. www.rvc.ac.uk/study/postgraduate/one-health

WANT TO KNOW MORE?

www.rvc.ac.uk/study/postgraduate/one-health
www.lshtm.ac.uk/study/masters/onehealth.html

GET IN TOUCH

Email: admissions@rvc.ac.uk
Or registry@lshtm.ac.uk

SPOTLIGHT ON RVC AND LSHTM

Established in 1791, the Royal Veterinary College (RVC), University of London is a long established institution with a global reputation for veterinary and biological sciences. It is the only veterinary school in the world to be accredited by AVMA, EAEVE, RCVS and AVBC. In 2014, the RVC was ranked first for veterinary research in England and Wales according to the Research Excellence Framework (REF 2014).

The London School of Hygiene and Tropical Medicine is a world-leading centre for research and postgraduate education in public and global health, and was recently named the world's leading research-focused graduate school (Thomson Reuters / Times Higher Education, 2013). It has been cited as one of the world's top universities for collaborative research. In 2014, up to 80% of research was rated as internationally world leading or excellent according to the Research Excellence Framework (REF 2014).

