

## PROGRAMME SPECIFICATION

### Master of Science and Postgraduate Diploma in One Health (Infectious Diseases) 2014-15

<b>1. Awarding institution</b>	The Royal Veterinary College
<b>2. Teaching institution</b>	The Royal Veterinary College (University of London)
<b>3. Programme accredited by</b>	
<b>4. Final award</b>	Master of Science and Postgraduate Diploma
<b>5. Programme Title</b>	One Health (Infectious Diseases)
<b>6. Date of First Intake</b>	<i>September 2013 (MSc)</i> <i>September 2014 (Postgraduate Diploma)</i>

## 16. Reference points

N/A

## 17. Educational aims of programme

Aim: To provide a comprehensive foundation in the principles of One Health as defined in the introduction and as they apply to infectious diseases.

The main objectives of the course are to demonstrate learning and understanding in the following areas:

- interpretation of the One Health concept and what it may mean in different contexts,
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**18. Programme outcomes - the programme offers opportunities for students to achieve and demonstrate the following learning outcomes.**

**A. Knowledge and understanding of:**

- The concept, principles, functions and processes of a One Health approach and use of trans-disciplinary approach
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## Assessment

Assessment methods will be varied and will be designed to assess a range of skills including, but not limited to, trans-disciplinary working, team and individual work, integration of knowledge and deep learning skills. All assessment tasks will be aligned to the module learning outcomes and will monitor integrative and extended understanding of the subjects. Assessments may include presentations, essays, written and oral (verbal) examinations and approaches to practical scenarios.

Formative assessment activities are designed to enable students to assess their progress and help them identify and plan their further learning needs: dialogue between the student and their tutor/lecturers and peers together with discussion in the classroom, provides individualised feedback to help reinforce good practice and importantly, help show where and how work can be improved.

Summative assessments are used at the end of each module. One Health principles will be assessed before the research project is started to ensure that students demonstrate the baseline competencies required from the range of knowledge, skills and attitudes necessary. The following assessment methods are used:

- Formative and summative OBEs
- Presentations and reports
- Reflective and evaluative essays
- Academic writing
- Research methodology
- Problem solving exercises

## 19. Programme structures and requirements, levels, modules, credits and awards

### Course structure

The MSc consists of eight modules of 15 credits each, plus a compulsory research project (60 credits -15 credits for integration of One Health principles learnt through development of and writing a Research proposal and 45 credits for the empirical or trans-disciplinary innovative study). Credits awarded to this programme will be CATS credits (Credit Accumulation and Transfer System). The Diploma consists of the same modules (8 of 15 credits each) but there is no requirement to complete the Research Project.

The MSc consists of the following modules:

Foundation: Induction One Health Orientation (1 week) (not assessed or credit rated)

Eight credit rated (15) modules

Module 1 Foundations of One Health core module – (RVC with input from LSHTM)

Module 2 Introduction to Disease Agents for One Health core module (RVC and 3125 IDAC LSHTM)

Module 3 Infectious Disease Emergence core module (RVC)

Module 4 Introduction to One Health Epidemiology and Surveillance core module (RVC)

Module 5 Economics of One Health (RVC)

Module 6 One Health Skills Development (RVC with input from LSHTM)

Module 7 Medical Anthropology and Public Health 1802 (LSHTM)

Module 8 Choice: (LSHTM)

Vector Biology and Vector -Parasite Interactions 3166

Environmental Epidemiology (1301)

Epidemiology & Control of Communicable Diseases (2437)

Globalisation & Health (1503)

\*Research project 60 credits

\* Not required for the Diploma.

Estimated study hours overall:

1,800 notional learning hours (180 UK credits at Masters level). 1,200 notional learning hours (120 UK credits at Diploma level).

(maximum 2 years for Diploma and maximum 3 years for Masters).

The format of the course will follow that of RVC MSc courses, where there are 8 modules in total (4 each in terms 1 and 2), each with credit equivalence of 15 credits, and a project worth 60 credits.

Each module of 15 credits is expected to take 150 notional study hours. This will include:

- o lectures and PBL sessions
- o independent study using self-directed study materials and associated readings
- o developing assessed work
- o participating in discussions.

**20. Work Placement Requirements  
(BVetMed and FdSc only)**

N/A

#### **ASSESSMENT**

**See Modular Assessment and Award Regulations for PGCert, PGDip and MScs**