PROGRAMME SPECIFICATION MSc ILHP:

1. Awarding institution	The Royal Veterinary College
2. Teaching institution	The Royal Veterinary College (University of London)
3. Programme accredited by	N/A
4. Final award	Master of Science

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A. Knowledge and Understanding of:

At a basic level:

- The functions and processes across the intensive livestock production system and the stakeholders within
- The role in the protection of human health through the safe production of foods of animal origin, control of zoonotic disease and environment
- Concepts of basic epidemiology and economics in animal health and production
- Future livestock development and the use of tools to analyse the issues confronting producers, their advisers, planners and policy makers
- Concepts of new technologies to effectively and efficiently increase farm animal production

At an in-depth level:

- Targeted theories, methods and practices relevant to the chosen area of industry selected by the student through elective modules
- The theory or application of the use of specific technologies/methods relevant to the chosen area of industry selected by the student through elective modules

Teaching/learning methods:

Students acquire knowledge and understanding through participation in:

- Online interactive learning
- Online presentations
- Message forums/bulletin boards
- Work-based directed tasks
- Literature-based research
- Self-directed and independent study, using the 'RVC Learn' virtual learning environment

Assessment by:

Formative

- Module assignments
- Online presentations
- Participation in discussion board

Summative

- Coursework, e.g. presentations, critical review of scientific literature
- Written examinations
- Orals
- Research project

B. Cognitive Skills:

- Reflection and self-evaluation
- Logic and reasoning
- Concentration and Perception
- Visual and auditory processing leading to long-term memory

Teaching/learning methods:

Students' cognitive skills are developed / reinforced through active participation in:

C. Practical skills: Demonstrate scientific skills, including critical review of the scientific literature Use decision making skills to analyse animal health and production problems at farm and national level Reflective writing Critical appraisal of technology that is available for intensive livestock production Analyse qualitative and/or quantitative data on intensive livestock production and report conclusions	**Teaching/learning methods:** Students learn practical skills through active participation in: Work-based directed tasks Literature-based research Self-directed and independent study, using the 'RVC Learn' virtual learning environment **Assessment by:** *Formative* Module assignments, including reflective writing Online presentations *Summative* Coursework e.g. reflective writing Written examinations Orals Research project
D. Key Skills: Development of independent learning, taking responsibility for own studies. Reflectively evaluate and manage own learning and personal planning processes Understanding own strengths and weaknesses and applying appropriate measures for successful learning in an isolated study situation. Becoming a reflective self-manager, by taking a systematic, analytical, strategic and reflective approach to tasks Information gathering and analytical skills to make own judgements about ideas and knowledge Time management and organisational skills Communication and language skills Information technology skills	**Teaching/learning methods:** Students' key skills are developed / reinforced through active participation in: regular interaction with course tutors, peers Self-directed and independent study, using the 'RVC Learn' virtual learning environment use of computer software in the preparation of assessment write-ups, module assignments and literature searches use of interactive online learning in the form of lectures, presentation and message forums Literature-based research **Assessment by:** *Formative* Module assignments Online presentations Participation in discussion board *Summative* Coursework Written examinations Orals Research project

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

The MSc consists of a total of 180 credits at Level 7, Masters Level -

PG Certificate level (60 credits): Three compulsory modules; one module of 30 credits and two of 15 credits each.

PG Diploma level (60 credits): PG Certificate PLUS a choice of 4, 15 credit modules

MSc level (60 credits): One compulsory 15 credit module and 45 credit research project

PG Certificate: Compulsory modules

1. Principles and practices of food systems (30)
2. People in the system (15)
3. Current trends in food systems (15)

PG Diploma: Four elective modules chosen from:

1. Infectious diseases of intensively reared livestock (poultry) (15)

2. Infectious diseases of intensively reared livestock (pigs) (15)

3. Food safety: a system-wide approach (15)

4. Applied animal welfare (15)

5. Epidemiology (15)

6. Genetics and genomics (15)

7. Applied animal nutrition (15)

8. Animal health economics (15)

MSc: Compulsory modules