

15. Relevant QAA subject benchmark group(s)	N/A
16. Reference points	
N/A	
17. Educational aims of programme	
Consistent with the	

18. Programme outcomes - the programme offers opportunities for students to achieve and demonstrate the following learning outcomes.

A. Knowledge and understanding of:

Demonstrate a profound understanding of epidemiology as the study of patterns and factors that affect health and welfare in animal and human populations
the role of epidemiology, the major health issues in both human and animal populations and the contribution of epidemiology to other health related disciplines
design and implementation of epidemiological studies
how to assess the results of epidemiological studies (their own or other investigators'), including critical appraisal of study question, study design, methods and conduct, statistical analysis and interpretation
application of epidemiological principles to disease control.
carrying out appropriate statistical analysis of epidemiological data
carrying out an independent research project, writing the results in the form of a journal article and defending project orally
communicating effectively with researchers from different disciplinary backgrounds, and with people who have an interest in human and animal health, including the general public and key policy makers

Teaching/learning methods:

Students acquire knowledge and understanding through participation in:
lectures
practical classes
multidisciplinary group work
assignments
problem-solving sessions
organised visits to sites of special interest off campus

Assessment by:

coursework
written examinations
research project report**
oral examination**

B. Cognitive (thinking) skills:

C. Practical skills:

Entering and managing computerised epidemiological data
carrying out an independent research project, writing the results in the form of a journal article and defending a project orally**

Adapting locally available raw materials, conditions, rules and management structure to optimise animal health and production

Scientific skills, including critical review of the scientific literature

Decision making skills to analyse animal health problems at farm and national level.

Teaching/learning methods:

Students learn practical skills through active participation in:

- practical classes
- individual research project**

Assessment:

- coursework
- research project report**
- oral examination**

D. Key skills:

- integration skills
- communication skills
- group work skills
- personal skills
- interpersonal skills
- organisational skills
- learning skills
- information gathering and analytical skills
- problem solving skills

<p>which is worth a total of 60 credits.</p> <p>Optional units for MSc & PG Diploma (stand-alone and exit award). These units are not assessed and do not carry credits:</p> <p>Epidemiology and -omics, Global Health Lecture Series(recommended)</p>	<p>Each of the term 2 modules will be worth 15 credits.</p> <p>Optional units for MSc & PG Diploma (stand-alone and exit award). These units are not assessed and do not carry credits:</p> <p>Global Health Lecture Series (recommended)</p>	<p>with the guidance of a member of staff. The research project is worth 45 credits.</p>
<p>20. Work Placement Requirements</p>		<p>N/A</p>

ASSESSMENT
See Modular Assessment and Award Regulations Annex A