

HARPER ADAMS UNIVERSITY

Module Descriptor

1	Module Title:	AMTRA SQP - Farm Animal
2	Academic Department:	Animal Production, Welfare and Veterinary Sciences Department
3	Module Author:	Dr Erica J Martin
4	Module Number:	A4061
5	Credit Value:	20
6	Level:	4
7	Pre-requisite Achievement:	None
8	Co-requisites:	None
9	Excluded Combinations:	None
10	JACS code:	D326
11	Module Approval Date:	21 st December 2016
12	Start Date of Module:	April 2017
13	Expiry Date of Module:	November 2022
14	Duration of approval:	April 2017 – November 2022
15	Courses for which Module Validated:	AMTRA Professional Short Courses

Rationale and Context

Animal medicines are vital for the care of farm animals, horses and companion animals. These medicinal products are potent materials which need to be treated with respect to ensure that they are used to best effect and without causing harm to the animal, user, consumer or the environment. The manufacture, distribution and importation of medicinal products require an understanding and application of complex laws and regulations derived from the European Community Council Directives. With the introduction of the *Veterinary Medicines Regulation 2005* and subsequent revisions, a modular framework has been developed to provide appropriate academic provision to satisfy Suitably Qualified Person (SQP) requirements.

The role of the Registered Qualified Person (RQP), of which a SQP is one, within an animal health product retail outlet is critical to the safe distribution of animal medicines. There are three eligible routes to becoming a RQP. This module forms part of the modular portfolio which with successful completion of a viva with the professional body, leads to eligibility to registration by AMTRA for various SQP certificates as outlined below:

- **R-SQP** = **BASE + FARM ANIMAL + COMPANION ANIMAL + EQUINE**
- **G-SQP** = **BASE + FARM ANIMAL + EQUINE**
- **K-SQP** = **BASE + FARM ANIMAL + COMPANION ANIMAL**
- **L-SQP** = **BASE + FARM ANIMAL**

This module addresses the university mission in promoting widening participation and the recognition of work related learning through the award of academic credit. It is designed to follow the AMTRA Base module and provide the farm animal specific knowledge and understanding required by those involved in the role of an AMTRA SQP when dealing with products for use in farm animals. Following successful completion of this module the candidate will be able to apply knowledge and understanding from areas as diverse as legislation, animal physiology, internal and external parasites, micro-organisms and nutritional diseases of farm animals to the animal medicines industry.

Intended Learning Outcomes

- 1) Apply the Veterinary Medicines Directorate (VMD) Code of Practice to the role of a SQP in issues related to farm animals.
- 2) Identify the specific disease challenges of farm animals in the UK and devise appropriate methods of prevention and control with due consideration of resistance, the responsible use of medicines and human health.

Indicative Content

Role of a SQP: Scope, prescribing and/or supplying authorised veterinary medicine to owners/keepers of farm animals e.g. Certificate of Competence when supplying sheep dips. Questions to ask, advice to give

UK relevant Cattle Diseases: Endo-parasites; Ecto-parasites; Micro-organisms; Nutritional diseases

UK relevant Sheep Diseases: Endo-parasites; Ecto-parasites; Micro-organisms; Nutritional diseases

UK relevant Pig & Poultry Diseases: Endo-parasites; Ecto-parasites; Micro-organisms; Nutritional diseases

Control programmes: for a range of UK relevant problems in farm animals using appropriate medicines, POM-VPS and AVM-GSL, in an authorised manner.

Animal Health Plans: interpretation of various plans and their implications on prescription and supply of animal medicines, withdrawal periods,

Responsible use of medicines: administration, choice, anthelmintic and ectoparasiticide resistance, storage records and disposal, safe use of medicines and human health issues.

Learning and Teaching Strategy

Candidates will draw upon experience in a relevant part of an animal medicine business, veterinary business or equivalent experience. This experience will be supplemented by *AMTRA SQP Training Manual: FARM ANIMAL* and the Veterinary Medicines Directorate: Code of Practice to help develop the study skills of those who study at a distance. Further support will be provided by the university in the form of short course with additional course notes.

Pattern of study including links to other module delivery

Short courses will be provided at regular intervals throughout the year by the university as candidate demand requires. This will ensure a flexible approach to the pattern of delivery appropriate to the needs of different candidates. Candidates will either be able to schedule the short course at the start of their study period or as a revision session shortly before the assessment.

Delivery variations for different course groups

It is not required that the candidates undertake formal tuition to achieve the module outcomes. Candidates with greater experience may elect to study at a distance by means of the paper and electronic interactive Training Manuals. Since the majority of candidates for this module are in work employers may in some cases provide assistance in preparation for the assessment.

The SQP Training Manual will cover all elements of the module

Virtual learning strategy

All materials and suitable web-links required to support study of the module as well as discussion forums will be available via a specific area within the Harper Adams University Virtual Learning Environment (VLE) known as *AMTRA Moodle*.

Assessment strategy

Written Examination (100%)

The examination will be in the form of a time constrained assessment and will contain an unseen essay question on a pre seen farm case study and a number of short answer/multiple choice questions assessing all outcomes.

The farm case description will be detailed and will provide opportunity for a range of topics to be visited requiring full application of the VMD "Guide to retailers" contextualised to the farm described. The farm descriptor will be amended several times a year. Each candidate will have the specific farm descriptor sent to them as part of their exam. Each exam will be produced so that the question in Section A using the farm descriptor will be one of 6 topics and the questions in Section B will balance the species and topic used in Section A for that particular exam, to ensure breadth of species cover. As the farm descriptor is changed, so there may be need to change the questions in section B

Formative assessment strategy

On line quizzes in the VLE assist in the formative learning of the material in the AMTRA manual

Number of summative assessments

Assessment format	Examination
Outcomes assessed	All
Weighting	100%
Final assessment	Yes
Marking scheme	Numeric
Timing	End of study period

Assessment variations for different course groups

It is not required that the candidates undertake formal face-to-face tuition to achieve the module outcomes. Candidates with greater experience may elect solely to study at a distance by means of the paper and electronic Training Manuals only. Since the majority of candidates for this module are in work, employers may in some cases provide assistance in preparation for the assessment.

Assessment is possible in a variety of approved centres for the convenience of workplace learners.

Generic Learning Outcomes developed within module

A	Knowledge	Identify and describe key theories, ideas and terminology associated with the discipline.
B	Problem Solve	Solve straightforward, routine or predictable problems using strategies that are specified.
C	Analysis	Analyse data or ideas using specified procedures to generate usable findings.
D	Synthesis	Categorise information and draw on multiple sources to fulfil a specified purpose.
G	Team Work	Work with others to meet specified objectives and fulfil personal goals.
H	Career Development	Recognise how learning within their programme links to future careers and identify the knowledge, skills and attributes associated with different relevant professions.
I	Effective Communication	Communicate clearly to convey an understandable message in relation to specific tasks and audiences.
J	Practical Competencies	Perform practical operations in predictable, routine situations that require the application of specified procedures.
K	Autonomy	Take responsibility for studies and self-development with guidance and support. Use the resources available to help learning.
L	Research	Recognise that research can generate theory and ideas that are used in practice.
M	Sustainable Practice	Recognise the meaning and importance of sustainable practice, and identify some of the ways that sustainable practice manifests.
N	Global	Identify a range of international examples or case studies that are associated with the discipline.
O	Ethics	Recognise some ethical challenges and appreciate the need or personal responsibility.

Essential Reading (correct at time of approval but subject to regular updates through Reading Lists online)

AMTRA (2017). AMTRA SQP Training Manual. AMTRA

AMTRA (Latest edition)VMDCode of Practice for Suitably Qualified Persons (SQPs) and VMD (Latest edition) Guidance for the Retail of Veterinary Medicines.

NOAH (Latest edition) Compendium of Data Sheets of Animal Medicines NOAH

Head of Department Approval:

T A Ellis

Date:

13/02/2017