

MODULE CODE:	UIN XJK-10-3	MODULE VERSION: 3.1
MODULE TITLE:	PHARMACOLOGY	
LEVEL:	3	
UWE CREDIT RATING:	10	
ECTS CREDIT RATING:	5	
MODULE TYPE:	STANDARD	
OWNING FACULTY:	HARTPURY	
FIELD:	Animal and Land Sciences	
VALID FROM:	1 September 2001	
DISCONTINUED FROM:		
PRE-REQUISITES:	UIE XAA-20-1 (Veterinary Science 1) or UIN XGR-20-1 (Introduction to Veterinary Nursing Science) or UIN XHE-20-2 (Applied Veterinary Science) or UIN XGC-20-1 (Introduction to Veterinary Science)	
CO-REQUISITES:	None	
EXCLUDED COMBINATIONS:	None	

LEARNING OUTCOMES:

At the end of this module the student should be able to:

- A. *Knowledge and understanding*
 1. Review the different types of pharmacological compounds available and evaluate their modes of action within the body (B);
 2. Identify the residual effects of drugs in food animals (A);
- B. *Intellectual skills*
 1. Identify and evaluate critically, the legislation covering the use, storage and disposal of therapeutic agents (A);
 2. Evaluate the efficacy of pharmacological compounds in different situations;
 3. Evaluate the problems associated with drug resistance (A);
- C. *Subject/professional and practical skills*
- D. *Transferable skills and other attributes*
 1. Prepare scientific posters (B);

SYLLABUS OUTLINE:

The range of drugs available for the treatment of pathological conditions in animals

Drugs used for preventative treatment

Legislation concerning drug use and safety

Sensitivity tests for certain antimicrobial drugs

TEACHING & LEARNING METHODS:

A variety of learning strategies will be used which may include lectures, case studies, practicals, tutorial, and e-learning.

READING STRATEGY:**Essential Reading**

It is essential that students read one of the many texts on research methods available through the Library. Module guides will also reflect the range of reading to be carried out.

Further Reading

Students are expected to identify all other reading relevant to their chosen research topic for themselves. They will be encouraged to read widely using the library catalogue, a variety of bibliographic and full text databases, and Internet resources. Many resources can be accessed remotely.

Access and Skills

The development of literature searching skills is supported by the Library seminar within the induction period and by the Graduate Development Programme at level three. These level three skills will build upon skills gained by the student whilst studying at levels one and two. Additional support is available through iSkillZone. This includes interactive tutorials on search skills and on the use of specific electronic library resources. Sign up workshops are also offered by the Library.

Indicative Reading List

The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via the module handbook.

Bill, R.L. (Current Edition) *Pharmacology for veterinary technicians*. London: Mosby International.

Chandler, E.A., Thompson, D.J., Sutton, J.B., and Price, C.J., eds. (Current Edition) *Canine medicine and therapeutics*. Oxford: Blackwell Science Ltd.

Gershwin, L.J., Krakowka, S., and Olsen, R.G. (Current Edition) *Immunology and immunotherapy of domestic animals*. St Louis: Mosby.

Tizard, I. (Current Edition) *Veterinary immunology: An introduction*. Philadelphia: W.B. Saunders Company.

Websites and databases:

The above sources give an indication of the area of study involved. Although students may be directed to some specific titles, they will also be encouraged to identify other relevant material for themselves.

Module Name Pharmacology
Module Code UIN XJK-10-3

ASSESSMENT

In line with the College's commitment to facilitating equal opportunities, a student may apply to the Learning Teaching and Assessment Committee (LTAC) for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the Virtual Learning Environment (VLE).

Weighting between components A and B (standard modules only) **A: 75%**
B: 25%

FIRST ATTEMPT

First Assessment Opportunity

Description of assessment elements

Component A	Type	Length	Element Weighting
1	Examination	1.5 hours	100%
Component B			
1	Poster	750 words	100%

FIRST ATTEMPT

Second Assessment Opportunity

Further attendance at taught classes is not required

Description of assessment elements

Component A	Type	Length	Element Weighting
1	Examination	1.5 hours	100%
Component B			
1	Poster	750 words	100%

SECOND (or subsequent) ATTEMPT

Attendance at taught classes is not required for a second or subsequent attempt

Specification confirmed by:



Role: Associate Dean

Date: 20/09/06