

MODULE CODE:	UIN XJJ-20-3	MODULE VERSION: 3.3
MODULE TITLE:	ADVANCED ANIMAL PRODUCTION	
LEVEL:	3	
UWE CREDIT RATING:	20	
ECTS CREDIT RATING:	10	
MODULE TYPE:	STANDARD	
OWNING FACULTY:	HARTPURY	
FIELD:	Animal Science	
VALID FROM:	28 November 2008	
DISCONTINUED FROM:		
PRE-REQUISITES:	UIN XHG-20-2 (Animal Production)	
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. Identify recent changes within the livestock industry and be prepared to form a judgement on these changes (A)
 - 2. Recognise current legislation and identify future trends and requirements (A)
- B. *Intellectual skills*
 - 1. Analyse critically the needs of animals, including environment and behavioural needs, the industry and its customers (B)
 - 2. Evaluate critically the recent scientific publications and their relevance to animal production (B)
- C. *Subject/professional and practical skills*
 - 1. Apply current legislation to scenarios commonly seen in commercial and industrial practice (A, B)
- D. *Transferable skills and other attributes*
 - 1. Interpret and evaluate current scientific knowledge relevant to animal production (A, B)

SYLLABUS OUTLINE:

Behaviour of production animals and the impact of welfare on production

Environmental demands, e.g. nitrate vulnerable zones, ammonia emissions

Food Safety legislation including carcass grading for cleanliness

Farm Assurance Schemes

Advances in nutrition, reproduction, animal breeding

Meat science: the anatomy, composition and quality of major classes of livestock; veterinary anti-mortem inspection, humane slaughter methods, meat hygiene and pathology; current legislation pertaining to animal welfare and meat hygiene

TEACHING & LEARNING METHODS:

A variety of learning strategies will be used which may include lectures, tutorials, seminars, guest speakers, visits, self-directed learning, 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.

Broom, D.M. and Johnson, K.G. (Current Edition) *Stress and animal welfare*. London: Chapman & Hall.

Ewbank, R. (Current Edition) *The management and welfare of farm animals: The UFAW handbook*. Wheathampstead: UFAW.

Fraser, A.F. and Broom, D.M. (Current Edition) *Farm animal behaviour and welfare*. Wallingford: CAB International.

Grandin, T., ed. (Current Edition) *Livestock handling and transport*. Wallingford: CAB International.

McDonald, P., Edwards, R.A., Greenhalgh, J.F.D., and Morgan, C.A. (Current Edition) *Animal nutrition*. Harlow: Longman Scientific & Technical.

Ruckebusch, Y., Phaneuf, L-P., and Dunlop, R. (Current Edition) *Physiology of small and large animals*. Philadelphia: BC Decker Inc.

Sainsbury, D. (Current Edition) *Poultry health and management*. Oxford: Blackwell Scientific Publications.

Thornton, K. (Current Edition) *Outdoor pig production*. Ipswich: Farming Press.

Journals:

Journal of Animal Science
 Animal Science
 Journal of Dairy Science
 British Journal of Nutrition
 Livestock Production Science
 Small Ruminant Research

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.

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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: 60%**
B: 40%

FIRST ATTEMPT

First Assessment Opportunity

Description of assessment elements

Component A	Type	Length	Element Weighting
1	Examination	2.0 hours	100%
Component B			
1	Assignment	1500 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	2.0 hours	100%
Component B			
1	Assignment	1500 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 :28/11/2008