Confirmation that this version of the module specification has been approved by the School Learning and Teaching Committee:

… LTC Biosciences School 18.3.15 …….(date)

**MODULE SPECIFICATION**

1. **Title of the module**

BI664 Clinical Animal Science

1. **School or partner institution which will be responsible for management of the module**

Canterbury College

1. **Start date of the module**

September 2015 (Revised version start date September 2009)

1. **The number of students expected to take the module**

10

1. **Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Schools and Faculties regarding the withdrawal**

Not Applicable

1. **The level of the module (e.g. Certificate [C], Intermediate [I], Honours [H] or Postgraduate [M])**

Honours H

1. **The number of credits and the ECTS value which the module represents**

15 Credits (7.5 ECTS Credits)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Term 2. (Weeks 16-30)

1. **Prerequisite and co-requisite modules**

There are no prerequisite or co-requisite modules

1. **The programmes of study to which the module contributes**

BSc (Hons) Animal Science

1. **The intended subject specific learning outcomes**

On successfully completing the module students will be able to:

1. Apply a detailed an systematic knowledge sufficient to enable analyses and evaluation of diagnostic tools available and their uses in veterinary medicine
2. Critically evaluate, appraise and discuss scientific approaches to the prevention of animal disease
3. Critically analyse and discuss treatment and management of disease in a range of animals
4. Apply a detailed an systematic knowledge sufficient to enable critical assessment and evaluation of the use of complementary therapies in the treatment of animal disease and injury
5. **The intended generic learning outcomes**

On successfully completing the module students will be able to:

1. Apply methods and techniques learned to scan and organise data, abstract meaning from information and share knowledge with others
2. Communicate information to both specialist and non-specialist audiences
3. Critically evaluate arguments, assumptions and concepts to make judgements
4. Work and study independently utilising initiative and taking personal responsibility
5. Numeracy and quantitative skills
6. **A synopsis of the curriculum**

The Indicative content will include topics such as:

The investigation of disease in a variety of species.

The methods available in modern veterinary medicine to identify, prevent, treat and manage a range of animal diseases and conditions.

The wide range of diagnostic tools, from clinical examination to laboratory tests and technological developments such as MRI and scintigraphy.

Diagnostic Tools applications in veterinary science.

Contemporary scientific approaches to the prevention, management and treatment of a range of conditions in a variety of animals

Prophylaxis, biosecurity and clinical nutrition.

The principles of a range of complementary therapies used to treat animals and scientific evidence for their efficacy

The clinical aspects of animal science will be considered in relation to common diseases and injuries seen in veterinary medicine.

1. **Indicative Reading List**

Mazzaferro E, M, (2010) Blackwell's Five-Minute Veterinary Consult Clinical Companion: *Small Animal Emergency and Critical Care* Oxford:Wiley Blackwell

Kerr, M G (2001) *Veterinary Laboratory Medicine*, 2nd ed, Bognor Regis: John Wiley and sons.

Wathes, C, Corr S, May S, McCulloch S, Whiting M (2012) *Veterinary and Animal Ethics Proceedings of the First International Conference on Veterinary and Animal Ethics,* New York:Wiley Blackwell

Vaden S, Knoll J, Smith F. Tilley P (2009) *Blackwell's Five-minute Veterinary Consult: Canine and Feline PDA: Laboratory Tests and Diagnostic Procedures* Oxford:Wiley Blackwell

1. **Learning and Teaching Methods, including the nature and number of contact hours and the total study hours which will be expected of students, and how these relate to achievement of the intended module learning outcomes**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Hours** | **Subject LOs** | **Generic LOs** |
| Lectures | 21.5 | 11.1, 11.2, 11.3, 11.4 | 12.1, 12.2, 12.3, 12.4, 12.5 |
| Seminars | 21.5 | 11.1, 11.2, 11.3, 11.4 | 12.1, 12.2, 12.3, 12.4, 12.5 |
| Workshops | 2 | 11.4 | 12.1, 12.2, 12.3, 12.4, 12.5 |
| Independent study | 105 | 11.1, 11.2, 11.3, 11.4 | 12.1, 12.2, 12.3, 12.4, 12.5 |
| **Total hours** | 150 |  |  |

1. **Assessment methods and how these relate to testing achievement of the intended module learning outcomes**

This module will be assessed by 50% coursework and 50% examination

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Weighting** | **Subject LOs** | **Generic LOs** |
| Written Assignment 2,500 words | 50% | 11.2, 11.3 | 12.1, 12.2, 12.3, 12.4, 12.5 |
| A written assignment demonstrating understanding of the fundamental principles and techniques of the module relating to the prevention and treatment of animal disease |
| Time Constrained Assignment1.5 hours | 50% | 11.1, 11.4 | 12.1, 12.2, 12.3, 12.4, 12.5 |
| A TCA demonstrating understanding of the fundamental principles and techniques of the module relating to diagnostic tools and complementary therapies |

1. **Implications for learning resources, including staff, library, IT and space**

There are no additional implications for the HE study centre or LRC.

1. **The Collaborative Partner recognises and has embedded the expectations of current disability equality legislation, and supports students with a declared disability or special educational need in its teaching. Within this module we will make reasonable adjustments wherever necessary, including additional or substitute materials, teaching modes or assessment methods for students who have declared and discussed their learning support needs. Arrangements for students with declared disabilities will be made on an individual basis, in consultation with the Collaborative Partner’s disability/dyslexia support service, and specialist support will be provided where needed.**
2. **Campus(es) or Centre(s) where module will be delivered:**

Canterbury College

**If the module is part of a programme in a Partner College or Validated Institution, please complete sections 20 and 21. If the module is not part of a programme in a Partner College or Validated Institution these sections can be deleted.**

1. **Partner College/Validated Institution:**

Canterbury College

1. **University School responsible for the programme:**

Biosciences School