1. **Title of the module**

BICC6640 (BI664) Clinical Animal Science

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

School of Biosciences/East Kent College Group

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 6

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

15 credits (7.5 ECTS)

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

Spring

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

None

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

BSc Animal Science

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
2. Apply a detailed an systematic knowledge sufficient to enable analyses and evaluation of diagnostic tools available and their uses in veterinary medicine
3. Critically evaluate, appraise and discuss scientific approaches to the prevention of animal disease
4. Critically analyse and discuss treatment and management of disease in a range of animals
5. 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
6. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
7. Apply methods and techniques learned to scan and organise data, abstract meaning from information and share knowledge with others
8. Communicate information to both specialist and non-specialist audiences
9. Critically evaluate arguments, assumptions and concepts to make judgements
10. Work and study independently utilising initiative and taking personal responsibility
11. Demonstrate numeracy and quantitative skills
12. **A synopsis of the curriculum**

Indicative content:

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. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

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

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

Vaden S *et al* (2009) *Blackwell's Five-Minute Veterinary Consult: Canine and Feline PDA: Laboratory Tests and Diagnostic Procedures,* Oxford: Wiley Blackwell

Wathes, C *et al* (2012) *Veterinary and Animal Ethics Proceedings of the First International Conference on Veterinary and Animal Ethics,* New York: Wiley Blackwell

1. **Learning and teaching methods**

Total contact hours: 45

Private study hours: 105

Total study hours: 150

1. **Assessment methods**
   1. Main assessment methods

Written assignment (2,500 words) – 50%

Time constrained practical assessment (1.5 hours) – 50%

13.2 Reassessment methods

Like for like

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| **Private Study** | **x** | **x** | **x** | **x** | **x** |  | **x** | **x** |  |
| *Lectures* | **x** | **x** | **x** |  |  |  | **x** | **x** |  |
| *Seminars* | **x** |  | **x** |  | **x** | **x** |  |  |  |
| *Workshops* | **x** |  |  | **x** |  | **x** |  |  | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| *Assignment* | **x** | **x** | **x** | **x** | **x** |  | **x** |  | **x** |
| *TCA* |  | **x** |  | **x** |  |  |  | **x** | **x** |

1. **Inclusive module design**

The Partner Institution recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury College

1. **Internationalisation**

Clinical Animal Science is practised globally. Students are encouraged to consider these issues in a range of international perspectives including welfare, ethics relating to different cultures, laws and religions. Veterinary and Clinical Animal Science is discussed throughout the module particularly with regards to animal welfare laws and expectations. Third world countries have fewer laws and resources to support the veterinary industry so students are required to debate actions by international NGO charities.

1. **Partner College/Validated Institution**

East Kent College Group

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

School of Biosciences

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**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

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| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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Revised FSO Feb 2018