## D900 - BSc Honours Bioveterinary Science

**A: Upon successful completion of this module, the graduates in zoology will be able to demonstrate a systematic understanding of:**

- **Methods for acquiring, interpreting and analysing biological information through the study of texts, original reports and data sets.**
- **The relationship between molecular and cellular processes and evolutionary biology.**
- **The biology of major groups of vertebrates.**
- **The structure and function in mammalian species of veterinary interest.**
- **Maintenance and management of domestic animals in the animal industries.**
- **Underpinning concepts in molecular biology, genetics, pharmacology and immunology that relate to Bioveterinary Sciences.**

**B: Upon successful completion of this module students will be able to:**

- **Apply the methods and techniques learned to review, extend and apply knowledge and understanding to initiate and carry out projects;**
- **Evaluate evidence, arguments and assumptions to reach sound judgements to achieve a solution, or range of solutions, to a problem.**

**C: Upon successful completion of this module students will:**

- **Able to plan and execute all the core practical and professional skills relevant to first post-employment in the discipline, independently;**
- **Be fully aware of relevant ethical implications of proposed courses of actions or situations and take the necessary steps to work within the limits of these.**

**D: Upon successful completion of this module students will be able to demonstrate qualities and transferrable skills needed for employment. In particular, they will be able to demonstrate:**

- **Initiative**
- **Personal responsibility**
- **Decision-making in complex & unpredictable circumstances;**
- **Problem solving skills that can be applied in many types of employment;**
- **Lifelong learning skills to address their own learning needs within their discipline and new areas of learning;**
- **Communicate effectively and confidently to both specialist & non-specialist audiences.**