

# ANIMAL SCIENCE

## FdSc CANINE BEHAVIOUR AND TRAINING AND BSc TOP-UP CANINE CLINICAL BEHAVIOUR



### MODULES FOR STUDY

#### Year 1 (Level 4)

##### **Canine Husbandry & Welfare**

Aims to develop your understanding of the major husbandry requirements of dogs across a broad range of breeds, and promotes a deeper understanding of the commitments associated with owning domestic canines.

##### **Introduction to Canine Anatomy & Physiology**

Explores the key biological systems of the domestic dog, including the cardio-respiratory, muscular-skeletal, and neural systems, and draws comparison between the anatomical and physiological function of a variety of canine breeds.

##### **The Dog in Society**

Introduces you to the roles domestic canines serve in society, from both a historical and contemporary context, including breed development for industry, legislation, governing dogs in society and the many ethical positions of keeping and breeding dogs for societal purposes.

##### **Introduction to Canine Behaviour**

Examines the ancestral behaviour and domestication of the dog, and develops your knowledge of key aspects of dog ethology, including social, reproductive, feeding and communication behaviours and the dominance concept. Additionally, you will develop a core understanding of behavioural observation recording and analysis.

##### **Introduction to Canine Training**

Aims to develop your understanding of the major learning theories and techniques associated with the training of canines for behavioural modification, assistance and service. The module places further emphasis on the design, reflection and modification of bespoke training programmes in context with a range of purposes and activities.

##### **Scientific Data Collection and Analysis**

Aims to provide you with an introduction to the fundamental ideas of statistics, show you how statistical techniques may be applied to a variety of scenarios in the animal sciences, and develop your skills in data recording, handling and analysis.

#### Year 2 (Level 5)

##### **Research Methods**

Will introduce you to the process of research and develop your skills in development of research projects in a subject-specific context.

##### **Modification of Canine Behavioural Issues**

Attempts to develop your knowledge of the complexities related to behavioural issues observed in canines, the context on which such problems are manifested and the techniques employed to both manage and modify behaviour.

##### **Fitness & Performance of the Canine Athlete**

Is designed to promote an understanding towards the athletic potential of domestic dogs, and the training processes essential for enhanced conditioning, associated fitness and performance. Further emphasis is placed on physiological changes attached to enhanced performance, rehabilitation and recovery techniques.

##### **Canine Sensory Perception & Behaviour**

Aims to explore the dogs sensory functions, specifically from an anatomical and physiological perspective, and examines how these are being used in the varying roles which dogs undertake, including medical detection dogs, drug and explosive detection dogs and search and rescue dogs.

### MODULES FOR STUDY

#### **Further Dog Training & Instruction Skills**

Intends to further enhance your dog handling and training skills across a range of breeds and contexts, whilst also introducing skills in the planning, co-ordination and facilitation of training sessions through instruction and coaching.

#### **Work Based Learning for the Land Based Industries**

Is designed for you to express a preference for a particular field of industry, and then be located with a local employer to undertake meaningful work, normally in an area related to canine training and/or behaviour.

### Top-Up Year (Level 6)

#### **Dissertation**

Is a double module where you will pursue your own research project while working closely with a tutor who has research expertise in this area.

#### **Understanding the Human-Canine Relationship**

Reflects on the evolution of social behaviour in dogs and the subsequent development of human-canine interactions across a range of circumstances. This module also explores the physiology and psychology underpinning human-canine relationships and the factors that influence how this is manifested.

#### **Canine Clinical Behaviour:**

Enables you to further enhance your knowledge and skills in the identification, treatment and management of canine behavioural issues. This module will specifically address the neurobiology of behaviour, the influential factors associated with canine behaviour, and will give consideration towards the options for therapy and other interventions. Additionally, emphasis will also be placed upon ethics, professional standards and legal implications of clinical behaviour practice.

#### **Small Business, Professional Skills & Legislation:**

Is designed to develop your understanding and skills in the operation and management of a small enterprise or business. The module will place focus on the strategic and legal requirements of small businesses within the canine and/or para-veterinary industry, place and on developing best professional practice across a range of concepts, including marketing strategies and financial management.

#### **Animal Assisted Interventions:**

Aims to develop your knowledge regarding the emerging role and scientific application of animal-assisted interventions, in enhancing the lives of both humans and animals. This will include both historical and contemporary approaches to animal-assisted interventions, their associated ethics and safety. Additionally, you will have the opportunity to examine the scientific approaches to reviewing the validity of such interventions in improving human and animal wellbeing.