

# **Statistical Methods in Veterinary Epidemiology**

## **Overview**

The aim of this course is to introduce common statistical methods used in veterinary epidemiology to enable students to conduct multivariable analysis and statistical modelling of epidemiological data.

Subject areas: introduction to measures of effect; analysis of data from cohort studies and case-control studies; likelihood, multivariable analysis and statistical modelling; simple logistic model, logistic regression, Poisson regression and Cox regression.

## **Welcome to the course**

Statistical Methods in Veterinary Epidemiology is a core course in the Veterinary Epidemiology and Public Health programme of the Royal Veterinary College. It may also be studied as a 240-hour individual module.

The course is designed to provide you with the key statistical knowledge,

