

Applied Animal Nutrition

15 credit standalone module, or part of MSc Intensive Livestock Health & Production

The module will start with the basic principles of nutrition, digestion and metabolism of nutrients, and progress onto how these can be applied to the feeding of pigs and poultry. The module will develop the principles of nutrient requirements, the need for feed evaluation systems and formulation of rations for the different production stages of these species, such as growth, lactation or egg production. The consequences of inadequate nutrition on health, welfare and productivity will also be developed.

**Part-time,
Online,
Interactive,
Distance
Learning**

Learn while you earn and study from your home or workplace at times that are convenient to you



Delivery and assessment:

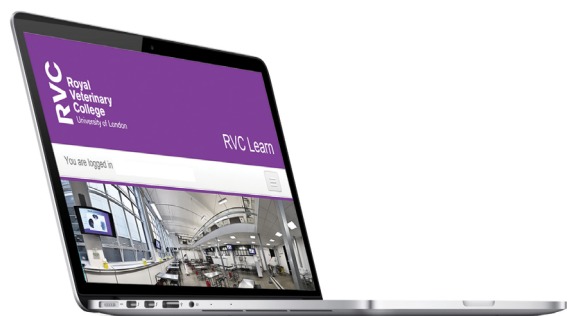
Delivery is via part-time, online distance learning over 11 weeks. Students are expected to commit approximately 12 hours per week during the delivery of the module. Module assessments range from in course assignments, critical review of papers and exams. Where necessary exams may be taken at an alternative, convenient location.



Starting 19th Sept 2016

Benefits - this module will enable you to:

- Understand the principles of nutrition as applied to pigs and poultry;
- Account for the recent developments in pig and poultry nutrition within the context of Food Security;
- Recognise the use of co-products in animal feeds, the advances in feed technology, including enzymology, and the use and application of simulation models in animal nutrition;
- Understand the consequences of nutrition on non-productive functions, such as the immune response, and its consequences on the environmental impact of pig and poultry systems.



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