

Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. If delivering the graded version of this unit, please refer to the Provider Handbook for details on grading descriptors and the application of these across units within your programme.

Unit Title: Animal Nutrition

Graded Unit Reference Number: GA33BIO29

Ungraded Unit Reference Number: UA33BIO29

Module: Biology

Level: Three (3)

Credit Value: Three (3)

Minimum Guided Learning Hours: 30

| Learning Outcome (The Learner will): | Assessment Criterion (The Learner can): |
|---|---|
| 1. Understand the process of digestion | 1.1 Explain the four main processes of digestion (Digestion, physical movement, Secretion, absorption) |
| | 1.2 Describe the action of digestive enzymes including endo/exopeptidases in digestion, and how these enzymes aid absorption in the gut |
| 2. Understand the adaptations of the digestive system in a range of animals | 2.1 Analyse the differences in dentition of a named omnivore, carnivore and herbivore |
| | 2.2 Describe the digestive system in single - stomached animals (hindgut fermentation) |
| | 2.3 Compare the efficiency of a range of digestive systems |
| 3. Explain dietary requirements of animals | 3.1 Explain the role of the major macro- and micro-nutrients in the body |
| | 3.2 Consider how dietary requirements differ at different life stages including juvenile, pregnancy and lactation |
| | 3.3 Describe common nutritional problems in animals (wild or domestic) e.g. obesity, constipation, chocolate/onion toxicity, malnutrition |