



Skills &
Education
Group Access



Access
Recognised by QAA

Access to HE Diploma (Veterinary Science)

Diploma Guide

Valid From August 2024
Learning Aim Code: 40014757



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Table of Contents

| | |
|--|---|
| Access to HE Diploma Background and Aims | 3 |
| Diploma development..... | 3 |
| Diploma and Credit Specification | 4 |
| About this qualification | 4 |
| Intended Progression Routes..... | 6 |
| Access to HE Diploma provider assessment strategy advice | 7 |
| Rules of Combination..... | 8 |
| Appendix 1 - Units of Assessment – Access to HE Diploma (Veterinary Science) | 9 |
| Grading Standards (Applied to all graded units) | 9 |

Access to HE Diploma Background and Aims

The Access to Higher Education Diploma is a full Level 3 UK qualification. It is regulated by the Quality Assurance Agency for Higher Education (QAA) which licenses Access Validating Agencies (AVAs) to accredit and award the Access to Higher Education Diploma in the UK.

Access to Higher Education Diplomas enable students to acquire the knowledge and skills necessary to progress to higher education. They are key to widening participation from groups traditionally underrepresented at higher education institutions and are therefore aimed particularly, though not exclusively, at adults without traditional qualifications.

The aims of the Access to HE Diploma are to:

- prepare students who are returning to education for progression to Higher Education, further training in a related vocational or occupational area
- help students develop the skills and knowledge they need to achieve on their chosen HE course or career pathway
- familiarise students with the teaching and learning methodologies and assessment strategies found in Higher Education Institutions (HEIs)
- help students to gain confidence in their abilities, to review and monitor their own progress and to become independent students
- develop students' research, planning, analytical and evaluation skills
- enable students to make informed choices about future progression routes

Diploma development

Skills and Education Group Access has worked with curriculum specialists and higher education colleagues to develop the Access to HE Diploma (Veterinary Science). Every Diploma is validated by the AVA through a robust and rigorous peer panel process which then recommends approval to the AVA's Access to HE Committee. By taking into consideration the views of Further and Higher Education practitioners, the AVA ensures that the Diploma meets all QAA requirements and that it enables students to complete a planned, balanced and coherent programme of study, through which they have been able to acquire a subject knowledge and develop academic skills which are relevant to the intended progression route(s).

LC 50a: This QAA recognised Access to HE Diploma is validated for delivery within the UK by a provider with a main base in the UK (including the Channel Islands and the Isle of Man) only.

LC 50c: Only students with a UK address (including BFO) can be registered for an Access to HE Diploma

Diploma and Credit Specification

The QAA Diploma and Credit Specification states that the Access to HE Diploma is a:

unitised qualification, based on units of assessment which are structured in accordance with the Access to HE unit specification

- credit-based qualification, operated in accordance with the terms of the Access to HE credit specification
- graded qualification, as determined by the Access to HE Grading Scheme.

About this qualification

| AVA Diploma Access to HE Diploma | Main Classification (Sector Subject Area) | Sub- Classification |
|-------------------------------------|---|--|
| (Veterinary Science) | 3 - Agriculture, Horticulture and Animal Care | 3.3 Animal Care and Veterinary Science |

This Diploma specification is valid from: 01/08/2024
Diploma revalidation date: 31/07/2029

The Access to HE Diploma (Veterinary Science) provides students with a thorough understanding of the biological and chemical principles related to animal health and welfare. This course is designed to prepare students for Higher Education leading to careers in veterinary science, animal care, and related fields. Students will acquire key knowledge, subject-specific skills, and transferable skills essential for success in these areas.

A. Key Knowledge:

1. Animal Biology and Physiology:

- Understanding of animal cells, locomotion, and senses.
- Knowledge of animal behaviour, welfare, and physiology.
- Insight into the digestive and dietary needs of animals and respiration in cells.

2. Genetics and Cellular Biology:

- Understanding cell division, genetics, and the structure and function of cells.
- Knowledge of organic concepts, hydrocarbons, and the chemistry of drugs and medicines.
- Insight into atoms, bonds, and structure, as well as kinetics, energetics, and acid-base equilibria.

3. Ecology and Environmental Science:

- Understanding of ecology and environmental science principles.

- Knowledge of the interactions between animals and their environments.
- Insight into how environmental factors impact animal health and welfare.

B. Subject-Specific Skills:

1. Veterinary Science Practices:

- Skills in understanding animal behaviour and welfare.
- Competence in analysing animal physiology and dietary needs.
- Ability to apply knowledge of respiration in cells and cell division to veterinary contexts.

2. Biological and Chemical Analysis:

- Understanding and applying principles of organic chemistry and hydrocarbon chemistry.
- Skills in numerical analysis of statistical data relevant to veterinary science.
- Competence in exploring the structure and function of cells, and understanding genetic principles.

3. Environmental and Ecological Applications:

- Knowledge of ecology and environmental science in the context of veterinary practice.
- Skills in understanding environmental impacts on animal health.
- Competence in applying ecological principles to animal welfare and conservation efforts.

C. Transferable Skills:

1. Research and Academic Skills:

- Development of strong research skills, including planning and conducting research projects.
- Proficiency in academic writing, reading, and note-making.
- Understanding opportunities and tools for success in higher education, including the higher education toolkit.

2. Communication and Professional Skills:

- Improved presentation skills, information literacy skills, and reflective practice.
- Development of organisational and evaluative skills for study.
- Develop skills to effectively communicating complex scientific concepts in veterinary contexts.

3. Critical Thinking and Analytical Proficiency:

- Enhanced ability to critically analyse biological and chemical data.
- Skills in using statistical data for research and analysis in veterinary science.
- Understanding the safe and ethical use of generative artificial intelligence in veterinary science contexts.

Intended Progression Routes

LC 61a and 61b: Access to HE Diplomas are intended to provide a preparation for study in UK higher education, but the award of a Diploma does not provide guaranteed entry to UK higher education programmes.

The following progression routes were agreed at the point of validation as being appropriate choices for students who achieve the Access to HE Diploma (Veterinary Science), subject to the course entry requirements and application process.

- Veterinary Science
- Veterinary Nursing
- Veterinary Bioscience
- Zoology
- Biology
- Veterinary Medicine
- Veterinary Physiotherapy
- Animal Studies
- Conservation
- Biological Science

It is essential that providers delivering this Diploma consult receiving HEIs themselves to ensure that suitable and relevant progression opportunities are sound. Evidence of HEI consultation and progression possibilities will be identified in the provider's Programme Submission Document.

Access to HE Diploma provider assessment strategy advice

QAA states that the Access to HE Diploma provides '*HE progression opportunities for adults who, because of social, educational or individual circumstances may have achieved few, if any, prior qualifications*'. They also state that, '*Students who are awarded the Diploma will have completed a planned, balanced and coherent programme of study, through which they have been able to acquire subject knowledge and develop academic skills which are relevant to the intended progression route(s)*'. Therefore all approved providers need to develop diploma assessment strategies which outline what assessment activities the students will undertake, how they will be used and why they have been chosen in order to achieve the learning aims:

1. **What** is the the aim of the diploma assessment strategy?
2. **How** will it be achieved?
3. **Why** has this approach been chosen?

Assessment design:

Access to HE Diplomas should be assessed using innovative and contemporaneous methods, tailored to prepare students studying at Level 3 for study at Higher Education. Assessment design should be holistic, ensuring students can demonstrate attained knowledge, skills and behaviours in and across units and assessments should reflect those likely to be encountered on Higher Education courses in the same field of study. Specific assessment guidance should be provided for each unit to ensure consistency and fairness across all student achievements.

In addition, providers must ensure that assessment methods are chosen which afford students opportunities to demonstrate the requirements of the three Grading Standards; Knowledge and Understanding, Subject Specific Skills and Transferable Skills.

Assessment design should comply with the requirements of the QAA Grading Scheme (2024) and also be aligned to the principles of assessment: Validity, Authenticity, Reliability, Currency and Sufficiency (VARCS).

LC 50g: Tutor/Assessor qualifications and experience specifically required for delivery and assessment of this diploma:

Generally, and as a minimum, it is expected that provider staff teaching on the Diploma have the required professional competence and skills necessary for the mode(s) of delivery to be used, and the level of subject expertise necessary to teach and assess the units available on the Diploma.

Rules of Combination

Where options are available within a single set of rules of combination, which allow alternative requirements for the achievement of a named Diploma, the alternatives permitted by the options are consistent, in terms of academic challenge and demand, and will require equivalent standards for achievement, whenever and wherever it is delivered.

| Access to HE Diploma (Veterinary Science) | |
|--|-----------|
| Credit Value of the Diploma: | 60 |
| Students must achieve all the units within the Diploma. | |
| <p>All Diplomas are 60 credits, irrespective of the place, subject or mode of study. Of the 60 credits 45 must be from graded units concerned with academic subject content, with the remaining 15 credits to be achieved from ungraded units.</p> <p>In addition, all students must study a minimum of ten 3 credit units and at least one 9 or 6 credit unit, which may or may not be graded.</p> | |
| Students can achieve up to a maximum of 30 credits at Level 3 through credit transfer and the award of credit through the recognition of prior learning. | |
| <p>Students undertaking any Access to HE Diploma, whatever their mode of study, must be:</p> <ul style="list-style-type: none"> a) registered and certificated for units to a maximum value of 60 credits b) registered for units to the value of 60 credits no later than 84 days from the start date of their Access to HE course, or before the student makes a formal application to a higher education course through UCAS or any other application process, whichever date occurs first. | |

Appendix 1 - Units of Assessment – Access to HE Diploma (Veterinary Science)

For every unit included in the table, further information is included in the Unit Specifications, including learning outcomes and assessment criteria.

Grading Standards (Applied to all graded units)

| | | |
|----------|---|-----------|
| 1 | Knowledge and Understanding of the Subject | KU |
| 2 | Subject Specific Skills | SS |
| 3 | Transferable Skills | TS |

Students must study a minimum of TEN, 3 credit units and at least ONE 6 or 9 credit unit up to a maximum of 30 credits.

All units are mandatory.

Graded Units

| Unit Title | New Unit ID | New National Code | Level | CV |
|---|-------------|-------------------|-------|----|
| Animal Cells, Locomotion and Senses | YHT202 | RH3/3/AA/17G | Three | 3 |
| Animal Physiology | YHT204 | RH7/3/AA/01G | Three | 3 |
| Respiration in Cells | YHT125 | RH3/3/AA/15G | Three | 3 |
| Cell Division and Genetics | YHT206 | RH3/3/AA/18G | Three | 3 |
| Organic Concepts and Hydrocarbons | YHT131 | RD4/3/AA/03G | Three | 3 |
| Numerical Analysis of Statistical Data | YHS983 | RB7/3/AA/01G | Three | 3 |
| Ecology and Environmental Science | YHT207 | RH1/3/AA/01G | Three | 3 |
| Animal Behaviour and Welfare | YHT203 | SP5/3/AA/01G | Three | 6 |
| The Digestive and Dietary Needs of Animals | YHT205 | SH2/3/AA/01G | Three | 6 |
| Chemistry of Drugs and Medicines | YHS873 | RD6/3/AA/01G | Three | 6 |
| Kinetics, Energetics, Equilibria and Acid-Base Equilibria | YHT129 | RD1/3/AA/09G | Three | 6 |

Ungraded Units

| Unit Title | New Unit ID | New National Code | Level | CV |
|-------------------------------------|-------------|-------------------|-------|----|
| Atoms, Bonds and Structure | YHT147 | RD3/3/AA/01U | Three | 3 |
| Academic Writing Skills | YHT071 | HC7/3/AA/01U | Three | 3 |
| Reading and Note Making | YHT064 | HC7/3/AA/02U | Three | 3 |
| The Structure and Function of Cells | YHS830 | RH3/3/AA/01U | Three | 6 |

There are no barred units in this Diploma.