



QQI

Quality and Qualifications Ireland
Dearbhú Cáilíochta agus Cáilíochtaí Éireann

Certificate Specification NFQ Level 6

Animal Science 6M5153

1. Certificate Details

Title	Animal Science
Teideal as Gaeilge	Eolaíocht Ainmhithe
Award Type	Major
Code	6M5153
Level	6
Credit Value	120
Purpose	The purpose of this award is to enable the learner acquire the knowledge, skill and competence to work independently and or in a management or supervisory role within animal related industries and or to transfer or progress to programmes leading to Higher Education and Training Awards.
Statements of Knowledge, Skill and Competence	Learners will be able to:
Knowledge	
<i>Breadth</i>	Demonstrate a broad knowledge of the husbandry and management requirements of a variety of animals as used in specific animal related businesses.
<i>Kind</i>	Demonstrate understanding of theoretical concepts and underpinning theory pertinent to the science of animals, including health, disease, housing, nutrition, behaviour and welfare as well as management strategies, business organisation and personal relations relevant to the diverse animal related industries.
Know How & Skill	

Range Demonstrate compliance with legislation, codes of conduct and best practice guidelines when working with and supervising others in the range of roles and responsibilities held when working with animals, professionals and the public in animal related industries.

Selectivity Research the requirements of a given animal at any specific time selecting and using appropriate tools, techniques and equipment for the relevant task to be performed.

Competence

Context Operate effectively and efficiently as an individual, member of a team or in a supervisory role to respond as appropriate to an unpredictable or unexpected situation as arising in an animal industry context , working for the well-being of an animal.

Role Participate and contribute as a member of a team within an organised business structure, taking responsibility for self and others; motivating, planning, supervising and working professionally and ethically.

Learning to Learn Evaluate personal skills and ability, recognising the necessity for continuing to develop personally and professionally in the industries of Animal Science.

Insight Appreciate the commitment required to work in the areas of animal care, management and science and embrace the opportunities for personal and professional development for the benefit of self and the animal related industry.

The learning outcomes associated with this award are outlined in the associated Component Specifications.

Access To access programmes leading to this award the learner should have reached the standards of knowledge, skill and competence associated with the preceding level of the National Framework of Qualifications. This may have been achieved through a formal qualification or through relevant life and work experience.

Transfer Achievement of this award will enable the learner to transfer to other appropriate programmes leading to awards at the same level of the National Framework of Qualifications.

Progression Achievement of this award will enable the learner to progress to other appropriate programmes leading to awards at the next or higher levels of the National Framework of Qualifications.

Progression Awards Learners who successfully complete this award may progress to a range of different awards.

Grading Pass
Merit
Distinction

The grade achieved will be determined by the grades achieved on the components

2. Certificate Requirements

The total credit value required for this certificate is 120. This will be achieved by completing:

Award Code	Title	Level	Credit Value
All of the following component(s)			
6N5565	Animal Science and Health	6	15
A minimum credit value of 15 from the following components			
6N0697	Customer Service	6	15
6N1948	Team Leadership	6	15
6N1950	Communications	6	15
6N2191	Leadership	6	15
A minimum credit value of 15 from the following components			
6N1949	Personal and Professional Development	6	15
6N1946	Work Experience	6	15
6N1947	Work Practice	6	15
A minimum credit value of 60 from the following components			
6N5566	Animal Trading	6	15
6N5567	Large Animal Husbandry	6	15
6N5568	Animal Behaviour	6	15
6N5569	Humans, Animals and Society	6	15
6N5570	Wild Animal Management	6	15
6N5585	Kennel and Cattery Management	6	15
6N5925	Clinical Laboratory Techniques	6	15
6N5926	Medical Veterinary Nursing	6	15
6N5985	Veterinary Nursing Pharmacy	6	15
6N5986	Veterinary Surgical Theatre Management	6	15
6N6005	Veterinary Diagnostic Imaging	6	15
6N6225	Veterinary Practice Management	6	15
6N6226	Animal Grooming	6	15
6N6227	Grooming Science	6	15
6N6228	Canine Obedience and Training	6	15
6N6229	Investigative Studies	6	15

The remaining credit value of 15 can be obtained by using relevant component(s) from level 6. A maximum of 15 credits may be used from level 5.

3. Supporting Documentation

None

4. Specific Validation Requirements

There provider must have approval from the Veterinary Council of Ireland to offer the following minor awards:

6N5925 Veterinary Clinical Laboratory Techniques

1. 6N5926 Medical Veterinary Nursing
2. 6N5985 Veterinary Nursing Pharmacy
3. 6N6005 Veterinary Diagnostic Imaging
4. 6N6006 Veterinary Surgical Nursing
5. 6N5986 Veterinary Surgical Theatre Management

5. Europass Certificate Supplement

The Europass Certificate Supplement for this award can be accessed at: www.qqi.ie.

6. FET Award Standards

QQI award standards are determined within the National Framework of Qualifications (NFQ), <http://www.nfq-qqi.com>. QQI determines standards for the education and training awards that it makes itself and that are made by providers to whom it has delegated authority to make an award. Providers offering programmes leading to QQI awards **must** have their programme(s) validated in accordance with current validation policy (see www.qqi.ie).

Award standards are designed to be consistent with the NFQ's award classes i.e. major, special purpose, supplemental and minor awards. They are expressed in terms of **learning outcomes** i.e. concise statements of what the learner is expected to know or be able to do in order to achieve a particular award. Learning outcomes for QQI awards are contained within the associated specifications:

AWARD CLASS	STANDARDS	AWARDS
Major Award	Certificate Specification	Certificate (Levels 1 to 5) Advanced Certificate (Level 6)
Supplemental Award	Supplemental Specification	Supplemental Certificate (Level 3 to 6)
Special Purpose	Specific Purpose Specification	Specific Purpose Certificate (Levels 3 to 6)
Minor Award	Component Specification	Component Certificate (Levels 1 to 6)

Award standards are thresholds, they describe standards of knowledge, skill or competence to be acquired, and where appropriate, demonstrated, by a learner before an award may be made.

Award standards will be reviewed from time to time as necessary. Minor changes may be made by the QQI executive outside the review cycle where necessary. Changes to standards are published on QQI's website. Providers with validated programmes and providers with delegated authority to make awards are responsible for monitoring relevant standards and making necessary responses to changes.

7. FET Credit

Every FET certificate and component specification includes an FET credit value (Table 1). FET credit is quantified in multiples of 5 FET credits (up to 50 hours of learner effort). Learner effort is based on the time taken by typical learners at the level of the award to achieve the learning outcomes for the award. It includes all learning time involved including: guided learning hours, self-directed learning and assessment.

Table 1: FET Credit Values

NFQ Level	Major Awards Credit Values	Default Credit Values Minor Awards	Other Permitted Minor Award Credit Values	Special Purpose and Supplemental Award Credit Value Ranges
1	20	5	10	
2	30	5	10	
3	60	10	5,20	>5 and<60
4	90	10	5,15,20	>5 and<90
5	120	15	5,10,30	>5 and <120
6	120	15	5,10,30	>5 and <120

Guide to Level

Learning outcomes at this level include a comprehensive range of skills which may be vocationally-specific and/or of a general supervisory nature, and require detailed theoretical understanding. The outcomes also provide for a particular focus on learning skills. The outcomes relate to working in a generally autonomous way to assume design and/or management and/or administrative responsibilities. Occupations at this level would include higher craft, junior technician and supervisor.

Strand	Sub-strand	Nature of learning
Knowledge	Breadth	Specialised knowledge of a broad area
	Kind	Some theoretical concepts and abstract thinking, with significant depth in some areas
Know How & Skill	Range	Demonstrate a comprehensive range of specialised skills and tools
	Selectivity	Formulate responses to well defined abstract problems
Competence	Context	Utilise diagnostic and creative skills in a range of functions in a wide variety of contexts
	Role	Exercise substantial personal autonomy and often take responsibility for the work of others and/or for the allocation of resources; form and function within, multiple and complex heterogeneous groups.
	Learning to Learn	Learn to take responsibility for own learning within a managed environment.
	Insight	Express an internalised, personal world view, reflecting engagement with others.

Extract from 'Determinations for the Outline National Framework of Qualifications': NQAI