

# **NLQF** levels

# **Entry level**

Context	A familiar, stable living and working environment
Knowledge	Possesses basic knowledge of simple facts and ideas related to the living environment
Skills:	
Application of knowledge	Reproduces knowledge and applies it
	Executes simple identifiable (professional) tasks automatically
Problem-solving skills	Recognises simple problems in everyday life
	Solves problems
Learning and development skills	Develops under the guidance of someone else
Information skills	Obtains and processes information about simple facts and ideas associated with the living environment
Communication skills	Communicates with peers on the basis of conventions that apply to that context
Responsibility and autonomy	Works together with peers
	With guidance, has a limited level of responsibility for results of simple routine tasks and study.

# Level 1

Context	A discernible living and working environment
Knowledge	Possesses basic knowledge of simple facts and
	ideas related to a profession and knowledge domain
Skills:	



Knowledge application	Reproduces and applies knowledge
	Executes simple discernible (professional) tasks
	based on automatic processes.
Problem-solving skills	Recognises simple problems in professional
	practice and in the knowledge domain
	Solves these problems
Learning and development skills	Develops under guidance of someone else
Information skills	Obtains and processes information about simple
	facts and ideas associated with a profession and
	knowledge domain
Communication skills	Communicates with peers, superiors and clients
	based on conventions that apply to the context
	and professional practice
Responsibility and autonomy	Works together with peers, supervisors and
	clients
	With guidance, carries responsibility for results
	of simple routine tasks and study

Knowledge	General basic knowledge
Skills	Required basic skills to execute simple tasks
Responsibility and autonomy	Working or studying under direct supervision in
	a structured context

# Level 2

Context	A discernible living and working environment
Knowledge	Possesses basic knowledge of facts, ideas, processes, materials, resources and concepts of and associated with, a profession and knowledge domain
Skills:	
Knowledge application	Reproduces and applies knowledge



	Executes simple (professional) tasks using
	selected standard procedures
Problem-solving skills	Recognises simple problems in professional
	practice and in the knowledge domain
Learning and development skills	Asks for support in further development after
	reflection and assessment of own (learning)
	results
Information skills	Obtains and processes basic information about
	facts, ideas, processes, materials, resources and
	concepts of and associated with a profession and
	knowledge domain
Communication skills	Communicates with peers, superiors and clients
	based on conventions that apply to the context
	and professional practice.
Responsibility and autonomy	Works together with peers, superiors and clients
	Carries responsibility for results of simple tasks
	and study

Knowledge	Basic knowledge of facts of a professional or
	educational domain
Skills	Required cognitive and practical basic skills for
	using relevant information to execute tasks and
	solve routine problems using simple rules and
	resources
Responsibility and autonomy	Working or studying under supervision with
	some independence

# Level 3

Context	A discernible, varied living and working
	environment
Knowledge	Possesses knowledge of materials, resources,
	facts, core concepts, simple theories, ideas,



	methods and processes of and associated with,
	a profession and knowledge domain
Skills:	
Knowledge application	Reproduces and applies knowledge
	Identifies limitations of existing knowledge in
	professional practice and in the knowledge
	domain and takes action
	Executes (professional) tasks that require
	tactical and strategic insight based on own
	preference and a combination of standard
	procedures and methods
Problem solving skills	Identifies complex problems in professional
	practice and the knowledge domain
	Solves them systematically by identifying and
	using data
Learning and development skills	Asks for support in further development after
	reflection and assessment of own (learning)
	results
Information skills	Obtains, processes and combines information
	about materials, resources, facts, core concepts,
	simple theories, ideas, methods and processes
	of and associated with a profession and
	knowledge domain
Communication skills	Communicates with peers, superiors and clients
	based on conventions that apply to the context
	and professional practice
Responsibility and autonomy	Works together with peers, superiors and clients
	Carries responsibility for results of a defined set
	of tasks and study

Knowledge	Knowledge of facts, principles, processes and
	general concepts of a professional or
	educational domain
Skills	A range of required cognitive and practical skills
	to execute tasks and solve problems by choice
	and application of basic methods, resources,
	materials and information



Responsibility and autonomy	Takes responsibility by completing tasks in the
	professional or study domain. In solving
	problems, adapts own behaviour to
	circumstances

## Level 4

Context	A discernible, varied living and working environment, also international
Knowledge	Possesses broad and specialist knowledge of materials, resources, facts, abstract concepts, theories, ideas, methods and processes of and associated with a profession and knowledge domain
Skills:	
Knowledge application	Reproduces, analyses and applies knowledge Evaluates and integrates data and develops strategies for the execution of various
	(professional) tasks  Identifies limitations of existing knowledge in professional practice and in the knowledge
	domain and takes action  Analyses fairly complex (professional) tasks and executes them
Problem-solving skills	Recognises and analyses fairly complex problems in professional practice and the knowledge domain
	Solves them systematically and creatively by identifying and using data
	Learning and development skills  Develops by reflection and assessment of own (learning) results
Information skills	Obtains, processes and combines broad and specialist information about materials, resources, facts, abstract concepts, theories, ideas, methods and processes of and related to a profession and knowledge domain



Communication skills	Communicates with peers, superiors and clients
	based on conventions that apply to the context
	and professional practice
Responsibility and autonomy	Works together with peers, superiors and clients
	Carries responsibility for results of own
	activities, work and study
	Carries partial responsibility for the results of the
	work of others

Knowledge	Factual knowledge and theoretical knowledge in
	broad contexts of a professional or educational
	domain
Skills	A broad range of required cognitive and practical
	skills to solve specific problems in a professional
	or educational domain
Responsibility and autonomy	Self-management within the guidelines of
	professional or educational contexts that are
	usually predictable but may be subject to change
	Supervise routine tasks of others and take a
	certain degree of responsibility for the
	evaluation and improvement of professional or
	educational activities

# Level 5

Context	An unfamiliar, varied living and working
	environment, also international
Knowledge	Possesses extensive, in-depth or specialist
	knowledge of a profession and knowledge
	domain
	Possesses detailed knowledge of some
	professional and knowledge domains and an
	understanding of a limited range of basic
	theories, principles and concepts



	Possesses limited knowledge and understanding of some important current topics and specialisms associated with the profession and knowledge domain
Skills:	
Knowledge application	Reproduces and analyses knowledge and applies it, also in other contexts, to provide an answer to problems related to a profession and knowledge domain
	Uses procedures in a flexible and inventive way
	Identifies limitations of existing knowledge in the professional practice and in the knowledge domain and takes action
	Analyses complex (professional) tasks and executes them
Problem-solving skills	Recognises and analyses complex problems in professional practice and in the knowledge domain and solves them creatively by identifying and using data
Learning and development skills	Develops through reflection and assessment of own (learning) results
Information skills	Obtains, processes, combines and analyses broad, in-depth and detailed information about a limited range of basic theories, principles and concepts of and associated with, a profession and knowledge domain, as well as limited information about some important current topics and specialisms associated with the professional and knowledge domain, and conveys this information
Communication skills	Focused communication with peers, superiors and clients based on conventions that apply in the context and professional practice.
Responsibility and autonomy	Works together with peers, superiors and clients
	Carries responsibility for results of own activities, work and study
	Carries partial responsibility for the results of activities and work of others and for managing processes



Knowledge	Broad, specialist factual and theoretical
	knowledge within a professional or educational
	domain and awareness of the limitations of that
	knowledge
Skills	A broad range of required cognitive and practical
	skills for elaborating creative solutions to
	abstract problems
Responsibility and autonomy	Provide management and supervision in
	contexts of professional or educational activities
	where unpredictable changes may occur
	Critical view on and improvement of own and
	others' performance

# Level 6

Context	An unfamiliar, varied living and working environment, also international
Knowledge	Possesses advanced specialist knowledge and critical insight into theories and principles of a profession, knowledge domain and broad scientific area
Skills:	
Knowledge application	Reproduces and analyses knowledge and applies it, also in other contexts, in such a way that it demonstrates a professional and scientific approach in both professional and knowledge domain
	Applies complex specialist skills to the results of research
	With guidance, successfully completes practical research using methodological knowledge
	Creates and puts depth into argumentations. Critically valuates and combines knowledge and insights from a specific domain



Identifies limitations of existing knowledge in
professional practice and in the knowledge
domain and takes action
Analyses complex professional and scientific
tasks and executes them
Recognises and analyses complex problems in
professional practice and in the knowledge
domain and solves them in a tactical, strategic
and creative way by identifying and using data
Develops by self-reflection and self-assessment
of own (learning) results
Collects and analyses broad, in-depth and
detailed professional or scientific information in
a responsible, critical way, about a limited range
of basic theories, principles and concepts of and
associated with a profession or knowledge
domain, as well as limited information about
some important current topics and specialisms
associated with the profession and knowledge
domain and conveys this information
Focused communication with peers, specialists,
non-specialists, superiors and clients based on
conventions that apply in the context and
professional practice.
Works together with peers, specialists and non-
specialists, superiors and clients
Carries responsibility for results of own work and
study and the result of the work of others
Carries partial responsibility for management of
processes and professional development of
persons and groups
Collects and interprets relevant data to form an
opinion that is based on the assessment of
relevant social, professional, scientific or ethical



Knowledge	Advanced knowledge of a working or
	educational domain, implying critical insight into
	theories and principles
Skills	Advanced skills demonstrating absolute
	craftsmanship an innovative capacity in solving
	complex and unpredictable problems in a
	specialist professional or educational domain
Responsibilities and autonomy	Managing complex technical or professional
	activities or projects; take responsibility to take
	decisions in unpredictable professional or
	educational contexts
	Take responsibility to manage the professional
	development of persons and groups

# Level 7

Context	An unfamiliar varied living and working
Context	An unfamiliar, varied living and working
	environment with a high degree of uncertainty,
	also international
Knowledge	Possesses exceptionally specialised and
	advanced knowledge of a profession, knowledge
	domain and scientific area and on the crossroad
	between various professions, knowledge
	domains and scientific areas
	Possesses a critical understanding of a range of
	theories, principles and concepts, including the
	primary ones associated with a profession,
	knowledge domain and scientific area
	Possesses extensive, detailed knowledge and
	critical understanding of some important current
	topics and specialisms associated with the
	profession or knowledge domain and scientific
	areas
Skills:	



Knowledge application	Reproduces, analyses, integrates and applies
Knowledge application	knowledge, also in other contexts and handles
	complex matter
	This knowledge shapes the foundation for
	original ideas and research
	Uses the knowledge obtained at a higher
	abstraction level. Thinks conceptually. Creates
	and deepens argumentation
	Uses methodological knowledge to succeed
	independently at fundamental research
	Provides an original contribution to the
	development and application of ideas, often in a
	research context
	Identifies limitation of existing knowledge in
	professional practice and in the knowledge
	domain on the crossroad between various
	professional practices and knowledge domains
	and takes action. Analyses complex professional
6 11 1: 1:0	and scientific tasks and executes them
Problem-solving skills	Recognises and analyses complex problems in
	professional practice and in the knowledge
	domain and solves them in a tactical, strategic
	and creative way
	Contributes in the professional practice and in
	the knowledge domain to the (scientific) solution
	of complex problems by identifying and using
	data
Learning and development skills	Develops independently for the most part
Information skills	Collects and analyses broad, in-depth and
	detailed scientific information about a range of
	theories, principles and concepts of and
	associated with, a profession or knowledge
	domain in a responsible, critical way, as well as
	information about some important current
	topics and specialisms associated with the
	profession and knowledge domain and conveys
	this information
Communication skills	Focused communication with peers, specialists,
	non-specialists, superiors and clients based on
	conventions that apply to the context and
	professional practice



Responsibility and autonomy	Works together with specialists and non-
	specialists, peers, superiors and clients
	Carries responsibility for results of own work and
	study and the result of the work of others
	Carries responsibility for managing complex
	processes and the professional development of
	persons and groups
	Formulates assessments based on incomplete or
	limited information and takes social, scientific
	and ethical responsibilities associated with the
	application of the own knowledge and
	assessment into account

Knowledge	Very specialist knowledge that is partially highly
	advanced in a professional or educational area,
	as a basis for original ideas and/or research
	Critical awareness of knowledge problems in a
	profession and on the crossroad between
	various professions
Skills	Specialised skills in problem solving, that are
	required in the context of research and/or
	innovation for the development of new
	knowledge and procedures and integration of
	knowledge from various fields of expertise
Responsibility and autonomy	Managing and transforming complex and
	unpredictable professional or educational
	contexts that require new strategic approaches
	Taking responsibility for contributing to the
	professional knowledge and working methods
	and/or to critically evaluate the strategic
	performance of teams



# Level 8

Context	An unfamiliar, varied living and working
	environment with a high degree of uncertainty,
	also international
Knowledge	Possesses the most advanced knowledge
· ·	possible in a profession, knowledge domain and
	scientific area and on the crossroad between
	various professions, knowledge domains and
	scientific areas.
	Possesses knowledge obtained by personal
	research or work, leading to an important
	contribution to the development of the
	professional and scientific area
	Possesses critical insight into a professional and
	scientific area including a critical understanding
	of the primary and current theories, principles
	and concepts
Skills:	
Knowledge application	Reproduces, analyses and integrates the
	knowledge in an authoritative manner and
	applies this, also in other contexts and handles
	complex matter. This knowledge forms the basis
	of original ideas and research
	Uses the knowledge obtained at a higher
	abstraction level. Thinks conceptually. Creates
	and deepens argumentation
	Independently completes complex fundamental
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	research based on methodological knowledge
	successfully
	successfully  Helps re-define the limits of knowledge by
	successfully  Helps re-define the limits of knowledge by delivering original research encompassing a
	successfully  Helps re-define the limits of knowledge by



	Identifies limitations of existing knowledge in
	professional practice and in the knowledge
	domain on the crossroad between various
	professional practices and knowledge domains
	and takes action. Analyses complex professional
	and scientific tasks and executes them
Problem-solving skills	Recognises and analyses complex problems in
	professional practice and in the knowledge
	domain and solves them in a tactical, strategic
	and creative way
	Contributes in the professional practice and in
	the knowledge domain to the (scientific) solution
	of complex problems by identifying and using
	data
Learning and development skills	Largely develops independently and achieves
Learning and development skins	technical, social or structural progress in society
Information skills	Collects and analyses broad, in-depth and
Information skills	·
	detailed scientific information about a range of
	theories, principles and concepts of and
	associated with, a profession or knowledge
	domain in a responsible, critical manner, as well
	as information about some important current
	topics and specialisms associated with the
	professional and knowledge domain and
	conveys this information
Communication skills	Focuses communication with peers, specialists,
	non-specialists, superiors, clients and the broad
	scientific community and society as a whole
	based on conventions that apply in the context
	and professional practice
Responsibilities and autonomy	Works together with peers, specialists, non-
	specialists, superiors, clients and the broader
	scientific community and society as a whole
	Carries responsibility for results of own work and
	study and for the results of the work of others
	Carries responsibility for managing complex
	processes and the professional development of
	persons and groups
	Employs scientific integrity to design, develop,
	execute and apply a complex fundamental
	research process.
	research process.



Knowledge	The most advanced knowledge in a professional
	or educational area and on the crossroad
	between various fields of expertise
Skills	The most advanced and specialist skills and
	techniques, and evaluation skills/techniques
	required to solve critical problems in research
	and/or innovation and expanding and re-
	defining existing knowledge or professional
	working methods
Responsibility and autonomy	Demonstrate a great deal of authority,
	innovation, autonomy, scientific and
	professional integrity and continuous
	involvement in the development of ground-
	breaking ideas or processes for professional or
	educational contexts, including research