



SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with Regulation 24(c) of the National Standards Bodies Regulations of 28 March 1998, the Standards Generating Body (SGB) for

Architecture

registered by Organising Field 12, Physical Planning and Construction, publishes the following qualification for public comment.

This notice contains the titles, fields, subfields, NQF levels, credits, and purpose of the qualification. The full qualification can be accessed via the SAQA web-site at www.saga.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the qualification should reach SAQA at the address below and **no later 4 June 2007**. All correspondence should be marked Standards Setting – Architecture addressed to

The Director: Standards Setting and Development
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DIRECTOR STANDARDS SETTING AND DEVELOPMENT



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:
 Doctorate *in Architecture*

SAQA QUAL ID		QUALIFICATION TITLE	
58557		Doctorate in Architecture	
SGS		PROVIDER	
SGS Architecture			
ETQA			

QUALIFICATION TYPE	FIELD	SUBFIELD	
Doctoral Degree	12- Physical Planning and Construction	Physical Planning, Design and Management	
ABET	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS
Undefined	360	Level 8 and above	Regular-ELOAC

PURPOSE AND RATIONALE OF THE QUALIFICATION

Purpose:

The principal purposes of the qualification are to:

- Provide advanced training in research methods and procedures.
- Facilitate appropriate, advanced study.
- Produce qualified persons:
 - Who are capable of undertaking research at an advanced level.
 - Whose work will be to the advantage of the national economy.
 - With the capacity to work independently on advanced research projects.
 - Who are competent to work as educators and researchers in institutions of higher learning.
 - With the capacity to work in teams appointed to conduct advanced research.
 - For employment in fields of economic activity related to the built environment.

The following table illustrates the relationship between the PhD and the National Qualifications Framework (NQF):

NQF Principle; Doctor Of Philosophy In Architecture:

- Recognition of Prior Learning; Allows for Recognition of Prior Learning as a means of career advancement.
- Articulation/Progression; Forms part of a learning pathway incorporating a range of qualifications in Architecture and related disciplines.

*Life-Long learning; Produces qualifying learners who are prepared for and understand the principles of:

- Life-long learning.
- Critical citizenship.
- Lateral, critical and creative thinking.
- A wide range of **issues** which are crucial to the welfare of the society.

Rationale:

The Doctor of Philosophy in Architecture (PhD) is awarded on successful completion of research which makes a substantial and original contribution to the international body of knowledge

related to the built environment, encourages and supports pursuance of related research-based enquiry and promotes the dissemination of previously-unpublished information.

The research, and other advanced study which may be required, is undertaken under the guidance of a supervisor or supervisors appointed for that purpose.

The PhD is:

- For persons who:
 - Meet the admission requirements.
 - Satisfy the requirements for the award of the qualification.
 - Oesire to undertake research and possibly other advanced study, at the highest postgraduate level.
- Intended to assist all relevant stakeholders and role-players, such as potential employers operating in the built environment or other fields related to physical planning and construction, curriculum developers and providers of learning programmes, all education and training bodies, moderators, learners and their parents, to understand the criteria which determine the level and the outcomes associated with this postgraduate programme.

RECOGNIZE PREVIOUS LEARNING?

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LEARNING ASSUMED TO BE IN PLACE

- A qualification at Masters level, or equivalent.
- Prior experience in research.
- Demonstrable competence for analytical thought at a level appropriate to conducting advanced independent research and advanced study.
- Good communication skills.

Recognition of Prior Learning:

Persons desiring entrance to the programme leading to this qualification are:

- Advised, assisted and supported (portfolio compilation, orientation to required levels of competence, substantiation of their claims regarding prior skills/experience, planning of progression),
- Evaluated and assessed in accordance with their claims regarding prior skills and experience gained (portfolio review, implementation of assessment/evaluation methods, recommendations arising from the assessment/evaluation processes).
- Provided with quality management assurance objectives to support the achievement of Competence leading to the award of the qualification (assessment of competence in respect of required outcomes, auditing, approval, recommendation, reporting).

Access to the Qualification:

- Any Masters level qualification recognised for the purposes of access to this qualification

or

- Appropriate prior learning, skills/competence and experience which has been evaluated and assessed in accordance with the Recognition of Prior Learning policy defined in the South African Qualifications Framework (SAQA) Act 1998 (No 58 of 1998).

QUALIFICATION RULES

Credits and learning components:

A minimum of 360 credits are assigned to the PhD, which is awarded for the successful completion of a research thesis. Since this is a (specialised) post-graduate qualification, all credits pertain to elective learning. Fundamental and core learning is assumed to be in place.

EXIT LEVEL OUTCOMES

There are no interim exit levels. The qualification is awarded on completion of the programme. Qualifying learners are competent to demonstrate:

- A thorough grounding in epistemological issues and research methods.
- A thorough familiarity with the relevant literature.
- Their capacity for independent execution of the following research tasks:
 - Writing a research proposal.
 - Using literature to identify the theoretical issues pertaining to the proposal.
 - Formulating precise research questions.
 - Selecting or devising appropriate research methods.
 - Executing the research.
 - Critical analysis of the results and findings emanating from the research.
 - Writing up the research.
- Competence in carrying out research of a quality suitable for publication in international peer-reviewed journals (i.e. research that significantly contributes to knowledge).

ASSOCIATED ASSESSMENT CRITERIA

Qualifying learners will be required to demonstrate:

- Understanding of epistemological and methodological issues in drafting a research thesis,
- Thorough and critical familiarity with the relevant literature.
- Competence in conducting advanced research, related to:
 - Writing a research proposal.
 - Conducting a critical literature review.
 - Structuring precise research questions.
 - Selecting or devising appropriate research methods.
 - Executing the research.
 - Application of recognised referencing methods.
 - Critical analysis of the results emanating from the research.
 - Writing up the research thesis.
- Excellent linguistic skills, including correct spelling, grammar, text formatting and presentation.
- That their work meets the prerequisite standards for publication in international peer-reviewed journals (i.e. research that significantly contributes to knowledge).

Integrated Assessment:

The evaluation of a doctoral thesis:

- Is formative in character.
- Synoptically assesses all outcomes

Examiners submit formal reports on the thesis, which should be made available to the candidate.

INTERNATIONAL COMPARABILITY

An accepted doctoral thesis is expected to be of a standard and *rigour* comparable with international benchmarks. Required quality is assured by the design of external examination systems associated with doctoral degree programmes.

ARTICULATION OPTIONS

As a PhD is the highest academic qualification attainable, articulation possibilities do not apply. However, while the possibility exists that learners who are admitted to programmes leading to

the awarding of Master's qualifications (by virtue of the quality of the work executed) may be permitted to change their respective candidatures to those for a PhD award, retrospective registration is not normally permitted.

MODERATION OPTIONS

Doctoral theses are examined by at least two examiners external to the institution concerned. External examiners and supervisors of doctoral research should ideally themselves be in possession of a doctorate. External examiners/assessors and internal supervisory academic staff will be appointed in a manner consistent with the quality assurance system of the institution offering the programme.

Accreditation Options:

Accreditation options are not applicable to research doctoral programmes

CRITERIA FOR THE REGISTRATION OF ASSESSORS

Examiners/assessors are appointed in a manner which is consistent with the quality assurance system of an institution offering the programme.

NOTES

An original contribution to knowledge is a fundamental requirement of a doctoral programme and no work will be accepted which has been accepted by another academic institution for the purpose of obtaining a qualification. *Primarily*, an examination consists of assessment of the written thesis, but may be supplemented by a written or oral examination on the subject of the work presented.

Supplementary Information:

A thesis may not be submitted more than twice for examination,

Specified Requirements:

- Regulations.
- Legal.
- Glossary of terms.
- Context specific material.
- User manuals supplied by manufacturers.
- Specifications, agreements and policies and procedures

UNIT STANDARDS

This qualification is not based on Unit Standards.