

BQA NCQF QUALIFICATION TEMPLATE

SECTION A: QUALIFICATION DETAILS																
QUALIFICATION DEVELOPER (S)			University of Botswana													
TITLE		Doctor of Philosophy in Textiles and Clothing							NCQF LEVEL			10				
STRANDS (where applicable)		1. N/A 2. 3. 4.														
FIELD		Culture, Arts and Crafts			SUB-FIELD			Design Studies			CREDIT VALUE			360		
New Qualification					Legacy Qualification										✓	
SUB-FRAMEWORK		General Education			TVET			Higher Education			✓					
QUALIFICATION TYPE		Certificate	I	II	III	IV	V	Diploma	Bachelor							
		Bachelor Honours			Post Graduate Certificate			Post Graduate Diploma								
		Masters					Doctorate/ PhD			✓						
Qualifications Authority																
RATIONALE AND PURPOSE OF THE QUALIFICATION																
<p>Rationale</p> <p>Textiles play an important role in all aspects of our lives, from conception to death. Textiles are used in many industries, including food, construction materials, transportation, health care, protective textiles, and recreational products. Textile manufacturing boosts the economies of many countries around the world by generating jobs resulting in better living conditions. The addition or loss of a textile industry can make or break an economy, affecting people's ability to support their families and provide them with the necessities of life. In 2013, Africa's textile industry contributed \$2.5 billion, accounting for 0.55 percent of global exports. Botswana was one of Africa's top ten apparel exporting</p>																

countries, with US\$72.4 million in exports, representing 0.02 percent of global exports (Mckinsey, 2016).

Capacity in textile and fashion design is required to contribute to societal development through textile research and development in business, culture, and academia. Education and training are critical to the growth of Africa's textile and clothing industries. However, Botswana currently lacks graduate programs in textiles and clothing, except for diploma-level training in fashion and apparel design, (HRDC, 2021, Table 19).

The textile industry has the potential to create employment as indicated in the creative industries sector human resource development plan (HRDC, 2021, Table 3). HRDC has identified research and innovation as highly needed skills in the country to address the diversification of the industry (HRDC 2019). Such ability will also allow the country to drive the creative industry agenda propelling Botswana towards achieving SDGs, particularly SDGs 1 (no poverty) & 4 (ensure inclusive and equitable quality education, as well as opportunities for lifelong learning for all through the acquisition of relevant skills). Further, the creative industry has widely recognized economic growth and diversification potential, which is why Vision 2036 prioritizes it as a strategic sector for economic growth, diversification, job creation, and exports. As a result, the textile and clothing qualification will ensure a competitive and productive workforce to drive the sector.

A textile and clothing graduate qualification is required to support Botswana's goals and aspirations. There is a need for highly qualified research professionals who will generate evidence to inform the country's textile industry.

PURPOSE: (itemise exit level outcomes)

The purpose of the qualification is to produce graduates with the most advanced knowledge, skills and competences to:

1. Conduct the most advanced scholarly research of international standards to solve problems in the field of Textiles and Clothing.
2. Apply the highest level of intellectual and analytical skills to develop new knowledge in the Textiles and Clothing specialization.
3. Apply self-directed strategic leadership skills in the field of Textiles and Clothing.

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MINIMUM ENTRY REQUIREMENTS (including access and inclusion)

1. Master's degree, NCQF level 9 or its equivalent.
2. There will be provision for access and inclusion through Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer (CAT) in line with institutional and national policies.

SECTION B

QUALIFICATION SPECIFICATION

GRADUATE PROFILE (LEARNING OUTCOMES)

ASSESSMENT CRITERIA

1. Apply the most advanced knowledge in creative design in the field of textiles and clothing.

- 1.1 Critique existing and emerging knowledge and theories in textiles and clothing.
- 1.2 Implement advanced skills in textile and clothing design through practical research.
- 1.3 Develop conceptual and theoretical frameworks to contribute to the knowledge of creative design.

2. Conduct the most advanced scholarly textiles and clothing research to solve individual, family and societal problems.

- 2.1 Use appropriate research techniques to collect, organize, analyse, and critically evaluate information.
- 2.2 Utilize the most advanced skills and techniques to evaluate theoretical and methodological frameworks in textiles and clothing.
- 2.3 Justify the research conclusion with appropriate evidence and argument through research skills and knowledge creation.
- 2.4 Defend the research work and outputs before a diverse audience.

3. Communicate textile and clothing research effectively with peers, the larger scholarly community, and society.

- 3.1 Competently convey concepts in the textiles and clothing industry using written, spoken, and presentational means.

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	<p>3.2 Disseminate textile and clothing research findings through workshops, seminars, conferences, and research publications.</p> <p>3.3 Translate research and evidence-based interventions to actual practice to solve problems in the field of textile and clothing</p>
4. Apply expert leadership skills in the textile and clothing profession.	<p>4.1 Develop professional networks in the textile and clothing field through publications and professional meetings.</p> <p>4.2. Implement diverse leadership competencies in various contexts within the textile and clothing industry.</p> <p>4.3 Advance and implement systems and processes that ensure good resource management and governance practices.</p>

BOTSWANA

SECTION C	QUALIFICATION STRUCTURE				
COMPONENT	TITLE	Credits Per Relevant NCQF Level			Total Credits
		Level []	Level []	Level [10]	
FUNDAMENTAL COMPONENT Subjects/ Courses/ Modules/Units	Research Proposal			180	180
CORE COMPONENT Subjects/Courses/ Modules/Units	Research Thesis			180	180
		Credits Per Relevant NCQF Level			Total Credits

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STRANDS/ SPECIALIZATION	<i>Subjects/ Courses/ Modules/Units</i>	Level []	Level []	Level []						
1.	n/a									
2.	n/a									
SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL										
TOTAL CREDITS PER NCQF LEVEL										
NCQF Level 10	Credit Value 360									
TOTAL CREDITS	360									
Rules of Combination: (Please Indicate combinations for the different constituent components of the qualification)										
<p>Doctor of Philosophy in PhD in Textiles and Clothing shall consist of 360 Credits.</p> <p>Fundamentals Level 10 180 Credits</p> <p>Core Level 10 180 Credits</p> <p>No Electives</p> <p>Total 360 Credits</p>										

ASSESSMENT ARRANGEMENTS

- Assessment will include both formative and summative modes.
- Assessment will be carried out by BQA registerable and accredited assessors and moderators.

Formative Assessment (40% weighting)

Formative assessment will contribute 40% of the overall grade.

Summative Assessment (60% weighting)

Summative assessment will contribute 60% of the overall grade.

MODERATION ARRANGEMENTS

- There shall be both internal and external moderation processes in accordance with institutional and national policies.
- Moderators and Assessors will be registerable by BQA or any relevant bodies.

RECOGNITION OF PRIOR LEARNING

Doctor of Philosophy in Textiles and Clothing is designed to allow award through Recognition of Prior Learning (RPL) in accordance with Institutional and National RPL policies.

CREDIT ACCUMULATION AND TRANSFER

Credit Accumulation Transfer (CAT) for the award of this qualification will be in accordance with Institutional and National RPL policies.

PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

Horizontal Articulation

- Doctor of Philosophy in Fashion/Apparel Design
- Doctor of Philosophy in Textile Science
- Doctor of Philosophy in Material Culture and Textile Studies

Vertical Articulation

- Post doctorate in Textiles and Clothing

Employment Opportunities

Job opportunities for graduates of PhD in Textiles and Clothing include:

- Lecturer
- Textile and Clothing Consultant
- Researcher
- Fashion Designer
- Textile Designer
- Curator

- Gallery Manager

QUALIFICATION AWARD AND CERTIFICATION

Qualification Award

To be awarded the Doctor of Philosophy in Textiles and Clothing qualification, a candidate is required to achieve a minimum of 360 credits.

Certification Award

Candidates meeting prescribed requirements will be awarded Doctor of Philosophy in Textiles and Clothing and will be issued a certificate and an official transcript.

SUMMARY OF REGIONAL AND INTERNATIONAL COMPARABILITY

Regional:

Doctor of Philosophy in Textile Science at the Nelson Mandela University.

International:

Doctor of Philosophy in Fashion and Textiles at RMIT, Australia.

Doctor of Philosophy: Textiles and Apparel at the University of Manchester.

Doctor of Philosophy in Textile and Fashion Design at Boras University, Sweden.

- All qualifications are research based without coursework and are assessed through a thesis/dissertation.
- The qualification has the credit value of 360 similar to the Nelson Mandela University, but the other institutions do not use the same credit system.
- The qualification rules and minimum standards for the award of the qualification which requires completion of thesis/dissertation and oral defence of the dissertation is similar across all the universities compared.
- This qualification's domains/modules are like the others which comprise of a thesis, but the credits differ because of the different systems used to count credits.

Differences

- The qualification name is different from some of the qualifications because the terms fashion, apparel and clothing are used interchangeably depending on the country.
- The education and employment pathways for this qualification focus on research and academia while the others only focus on research.

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- The total credits for the University of Boras is 240 compared to this qualification with this and the rest which has 360 credits due to differences minimum credits doctoral degrees for each NQF.
- The duration for this qualification is four (4) years while others take three (2) to four (4) years.

Conclusively, this qualification compares favourably with all the qualifications compared with regionally and internationally.

REVIEW PERIOD

The qualification will be reviewed after every 5 years in line with the NCQF.

For Official Use Only:

CODE (ID)			
REGISTRATION STATUS	BQA DECISION NO.	REGISTRATION START DATE	REGISTRATION END DATE
LAST DATE FOR ENROLMENT	LAST DATE FOR ACHIEVEMENT		
REVISION DATE:		NAME OF PROFESSIONAL BODIES/REGULATORY	