

## BQA NCQF QUALIFICATION TEMPLATE

SECTION A: QUALIFICATION DETAILS															
<b>QUALIFICATION DEVELOPER (S)</b>			University of Botswana												
<b>TITLE</b>		Bachelor of Family and Consumer Sciences						<b>NCQF LEVEL</b>			7				
<b>STRANDS (where applicable)</b>		N/A													
<b>FIELD</b>		Services		<b>SUB-FIELD</b>		Personal services		<b>CREDIT VALUE</b>			480				
New Qualification					√		Legacy Qualification								
<b>SUB-FRAMEWORK</b>		General Education					TVET					Higher Education			√
<b>QUALIFICATION TYPE</b>		Certificate	I	II	III	IV	V	Diploma	Bachelor						√
		Bachelor Honours			Post Graduate Certificate			Post Graduate Diploma							
		Masters					Doctorate/ PhD								
RATIONALE AND PURPOSE OF THE QUALIFICATION															
<p><b>RATIONALE:</b></p> <p>Family and Consumer Science (FCS) skills, including in Foods and Nutrition, Textiles and Clothing, Housing and Interior Design, Child Development, and Family and Consumer Studies are critical for the social and economic upliftment of individuals, families, and communities. Sustainable development calls for ending poverty, promoting prosperity, and enhancing well-being, therefore FCS skills will go a long way in facilitating the attainment of Sustainable Development Goals (SDG) (United Nations, 2015). The FCS skills are among those identified by the Human Resource Development Council (HRDC) as professions currently in demand in Botswana (HRDC, 2019). The FCS qualification is aligned with the Education and Training Sector Strategic Plan (ETSSP) 2015-2020's strategic priority of strengthening skills development (Government of Botswana, 2015). In addition, the FCS qualification is in line with the country's shift to a knowledge-based economy, as it aims to equip graduates with knowledge and skills relevant in a variety of extension settings, including social and economic development (e.g. poverty eradication, early childhood care and education, and skills development) as outlined in ETSSP Chapters 2, 3 and 4 and National Development Plan 11 (Section 6.175, pp 121, 122, 123) (Government of Botswana, 2015), Vision</p>															

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2036 (Government of Botswana 2016) and the Sustainable Development Goals (2016-2030) (United Nations, 2015).

### **PURPOSE:**

The purpose of this qualification is to produce graduates with specialized knowledge, skills, and competencies to:

- Apply knowledge and skills to develop, implement and manage extension programmes and enterprises.
- Develop, design, and evaluate Family and Consumer Sciences related products and services.
- Apply problem-solving skills, critical thinking, communication skills and professionalism in FCS.
- Develop entrepreneurial skills in areas of Family and Consumer Sciences.
- Conduct research using appropriate methods and techniques

### **MINIMUM ENTRY REQUIREMENTS (including access and inclusion)**

The minimum entry requirements for admission to Bachelor of Family & Consumer Sciences:

- Certificate IV, NCQF Level 4 or equivalent.
- Entry through Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer (CAT) is accessible to all candidates through institutional policies in line with the national RPL and CAT policies.

*(Note: Please use Arial 11 font for completing the template)*

### **SECTION B**

### **QUALIFICATION SPECIFICATION**

#### **GRADUATE PROFILE (LEARNING OUTCOMES)**

#### **ASSESSMENT CRITERIA**

1. Develop products and provide services using FCS knowledge and skills such as textiles and clothing, food preparation, nutrition, food science, child development, housing and interior design and consumer science.

- 1.1. Apply skills in apparel manufacturing, food product development, food preparation, interior design, child development, nutrition assessment and intervention.
- 1.2. Design and create products in various FCS areas.
- 1.3. Use available technology including machinery and software packages to design and create products.
- 1.4. Evaluate FCS products and services.

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<p><b>2.</b> Apply problem-solving skills, critical thinking, communication skills and professionalism in FCS.</p>	<p>2.1 Assess foods, nutrition, housing, interior design, clothing, developmental and learning needs of various target groups.</p> <p>2.2. Design appropriate foods and nutrition, spatial, developmental, and clothing interventions for various target groups.</p> <p>2.3. Demonstrate effective interpersonal skills.</p> <p>2.4. Apply FCS skills to solve community problems.</p> <p>2.5. Communicate effectively orally and in writing.</p> <p>2.6. Adhere to professional standards related to FCS.</p> <p>2.7. Perform multiple roles of an extension worker.</p>
<p><b>3.</b> Develop, implement, and manage extension programmes and enterprises.</p>	<p>3.1. Demonstrate knowledge of relevant policies.</p> <p>3.2. Plan, implement and evaluate FCS extension programmes/projects.</p> <p>3.3. Collaborate and liaise with relevant stakeholders.</p> <p>3.4. Use a variety of facilitation strategies in various settings.</p> <p>3.5. Conduct community mobilization, needs assessment, intervention, and evaluation.</p> <p>3.6. Apply leadership skills in the area of FCS.</p>
<p><b>4.</b> Apply entrepreneurial skills in Family and Consumer Sciences.</p>	<p>4.1. Conduct market research.</p> <p>4.2. Develop business plans.</p> <p>4.3. Design and develop viable products and services.</p> <p>4.4. Market products.</p>
<p><b>5.</b> Conduct research involving a systematic and organized approach to gather information, analyse data, and draw meaningful conclusions</p>	<p>5.1. Develop a research proposal.</p> <p>5.2. Collect, analyse, and interpret research data.</p> <p>5.3. Write a research report to disseminate findings.</p>

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SECTION C		QUALIFICATION STRUCTURE			
COMPONENT	TITLE	Credits Per Relevant NCQF Level			Total Credits
		Level [ 5 ]	Level [ 6 ]	Level [ 7 ]	
<b>FUNDAMENTAL COMPONENT</b> <i>Subjects/ Courses/ Modules/Units</i>	Communications and Study Skills	24			24
	Computing and Information Skills	16			16
	Anatomy, Physiology and Biochemistry		12		12
	Chemistry		12		12
	Introductory Microbiology		12		12
	Basic Microeconomics		12		12
<b>CORE COMPONENT</b> <i>Subjects/Courses/ Modules/Units</i>	Introduction to Family & Consumer Sciences	12			12
	Foundations of Family Studies	12			12
	Prenatal and Early Childhood Development	12			12
	Introductory Nutrition	12			12
	Introductory Housing		12		12
	Introduction to Interior Design		12		12
	Introduction to Textiles		12		12
	Technology and Creative Sewing		12		12
	Foundations of FCS Extension		12		12
	Group processes and dynamics		12		12
	Foundations of Food Preparation			12	12
	Fundamentals of Food Science			12	12
	Meal Management			12	12
	Principles of Quantity Food Production			12	12
	Nutrition in the Lifespan			12	12

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	Apparel Production Processes			12	12
	Social, Cultural and Psychological Aspects of Clothing			12	12
	Apparel Product Design and Development			12	12
	Consumer Education and Protection			12	12
	Methods of Teaching FCS Extension			12	12
	Program Planning in FCS Extension			12	12
	Management of FCS Extension Programmes			12	12
	Fundamentals of Entrepreneurship			12	12
	Research			16	16
	Field Attachment		20	20	40
COMPONENT	Subjects/ Courses/ Modules/Units	Credits Per Relevant NCQF Level			Total Credits
		Level [ 5 ]	Level [ 6 ]	Level [ 7 ]	
STRANDS/ SPECIALIZATION	N/A				N/A
OPTIONALS Choose 3	Food Service Operations Management			12	36
	Food Product Development			12	
	Food Regulations			12	
	Theory and Practice when Interacting with Young Children			12	
	Family Health Education			12	
	Family and Marriage Counselling			12	
	Human Development Seminar			12	
	Apparel Manufacturing			12	
	Tailoring Techniques			12	

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	Management of Family Resources			12	
	Housing & Environment for Children			12	
	Community Mobilisation			12	
	Housing in Community Development			12	
<b>ELECTIVES</b>  <b>Choose 2</b>	Digital photography		12		24
	Foundations of Business Law		12		
	Interior Decoration		12		
	Monitoring and Evaluation Approaches in Community Development			12	
	Entrepreneurship and Community Economic Project			12	
	Services Marketing Theory and Practice			12	
	Innovation and Entrepreneurship				

## BQA NCQF QUALIFICATION TEMPLATE

### SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL

#### TOTAL CREDITS PER NCQF LEVEL

NCQF Level	Credit Value
5	88
6	152
7	240
<b>TOTAL CREDITS</b>	<b>480</b>

#### Rules of Combination:

*(Please Indicate combinations for the different constituent components of the qualification)*

To be awarded this qualification, a learner must complete a minimum of 480 credits that comprise of:

88 Credits from Fundamental Courses

332 Credits from Core Courses

60 Credits from Elective/Optional Courses

- 36 credits for optional courses (Choose 3 courses)
- 24 credits for electives courses (Choose 2 courses)

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### ASSESSMENT ARRANGEMENTS

All assessments will be done using formative and summative assessments.

- Formative assessment: weighting of 60%
- Summative assessment: weighting of 40%

Assessment will be carried out by BQA or other relevant bodies registered and accredited assessors.

### MODERATION ARRANGEMENTS

- There shall be both internal and external moderation in accordance with institutional policies aligned with national policies.
- Moderators shall all be registered and accredited with BQA or other relevant bodies.

### RECOGNITION OF PRIOR LEARNING

There is a provision for the award of this qualification through RPL in line with institutional and national policies.

### CREDIT ACCUMULATION AND TRANSFER

There is a provision for the award of this qualification through credit accumulation in line with institutional and national CAT policies.

### PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

Horizontal Articulation (related qualifications of similar level that graduates may consider)

- Bachelor of Consumer Sciences
- Bachelor of Culinary Arts
- Bachelor of Fashion Retail Management
- Bachelor of Textile Science and Apparel Design
- Bachelor of Childhood Development
- Bachelor of Human Development and Family Studies
- Bachelor of Food Science
- Bachelor of Interior Design
- Bachelor of Housing

Vertical Articulation (qualifications to which the holder may progress)

- Master of Consumer Sciences
- Master of Culinary Arts
- Master of Hospitality Management
- Master of Public Health Nutrition
- Master of Fashion Retail Management
- Master of Textile Science and Apparel Design
- Master of Early Childhood Development



- Master of Human Development and Family Studies
- Master of Marriage and Family Therapy
- Master of Food Science
- Master of Interior Design
- Master of Housing

### Employment Pathways

A qualified practitioner at this level can fulfil the following roles:

- Home Economics (FCS) extension worker.
- A trainer and an assessor in FCS specialization area.
- Entrepreneur in clothing production, food product development, culinary arts, food service, early childhood care services, housing, and interior design.
- Consumer officers.

### QUALIFICATION AWARD AND CERTIFICATION

#### Qualification Award

Minimum standards of achievement for the award of the qualification:

- To be awarded Bachelor of Family and Consumer Sciences, a candidate must achieve a **minimum of 480 credits** Certification.
- Candidates meeting prescribed requirements will be issued an official certificate and transcript.

#### Certification

Candidates meeting prescribed requirements will be awarded an official certificate and transcript of **Bachelor of Family and Consumer Sciences**.

### SUMMARY OF REGIONAL AND INTERNATIONAL COMPARABILITY

The proposed qualification has been benchmarked with the general Bachelor's Degree in Family and Consumer Science qualifications regionally and internationally.

This qualification compares well with the following:

- (1) University of Pretoria, in South Africa, a 4-year Bachelor of Consumer Sciences, NQF level 8, worth 480 credits which produces candidates with competencies to provide extension services and pursue entrepreneurship.
- (2) University of Ghana, Ghana, 4-year Bachelor of Science in Family and Consumer Sciences, NQF level 8, worth 138 credits which produces candidates with competencies to identify needs, develop and implement interventions, design products applying FCS technical skills, and work in diverse fields including social services, food industry, health and fitness, apparel, housing and interior design, and early childhood and family relations.
- (3) University of Central Arkansas, USA, offers a 4-year Bachelor of Science Degree in Family and Consumer Sciences, worth 120 credits, which prepares students to be facilitators, programme planners and implementers, extension workers and entrepreneurs.
- (4) University of Idaho, USA, offers a 4-year Bachelor of Science in Family and Consumer Sciences, worth 121 credits, which prepares graduates to work with families and consumers assisting them with decisions to improve their livelihoods.

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### Similarities:

Although the qualifications examined generally follow similar structures and standards, there are minor differences in that the modules are not offered at identical levels of the degree and that module credits are not the same from different universities.

### Differences:

This qualification has strength in child development, and research modules, which are not offered in most general Family and Consumer Sciences. The qualification generally compares well with all the other qualifications studied since the exit outcomes are similar in scope and depth. The qualification is aligned to exit-level descriptors typical of this level and type of qualification as done within the region and internationally, as well as competencies required for registration and accreditation with professional bodies. Qualifying learners should be able to be admitted to international institutions and continue their studies in the field of family and consumer sciences or continue with a master's programme globally.

### REVIEW PERIOD

every five (5) years.

### 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	