

	<b>BQA NCQF QUALIFICATION TEMPLATE</b>	Document No.	DNCQF.QIDD.GD02
		Issue No.	01
		Effective Date	04/02/2020

SECTION A: QUALIFICATION DETAILS														
<b>QUALIFICATION DEVELOPER (S)</b>		University of Botswana												
<b>TITLE</b>	Master of Arts in Applied Economics										<b>NCQF LEVEL</b>	9		
<b>FIELD</b>	Business, Commerce and Management Studies			<b>SUB-FIELD</b>			Applied Economics			<b>CREDIT VALUE</b>	240			
New Qualification				<input checked="" type="checkbox"/>		Review of Existing Qualification								
<b>SUB-FRAMEWORK</b>		General Education			<input type="checkbox"/>		TVET			<input type="checkbox"/>		Higher Education		<input checked="" type="checkbox"/>
<b>QUALIFICATION TYPE</b>	Certificate	I	II	III	IV	V	Diploma	Bachelor						
	Bachelor Honours			Post Graduate Certificate			Post Graduate Diploma							
	Masters					<input checked="" type="checkbox"/>	Doctorate/ PhD							
<b>RATIONALE AND PURPOSE OF THE QUALIFICATION</b>														
<p><b>RATIONALE:</b></p> <p>Lessons from experience have motivated an initiation of a full-time Master of Arts programme in Applied Economics. The programme is also demand driven in the sense that the industry has a huge appetite for graduates trained in applied economics. The Master of Arts in Applied Economics qualification is designed to provide learners with a solid understanding of advanced economic research and analysis tools. The focus of the qualification is applied economics. It is mainly for professionals who may not necessarily seek to</p>														

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pursue an academic career but are interested in studying applied economics. The programme therefore focuses mainly on the application of economics in policy analysis and research. The qualification's focus on applied economics is distinct from that of the traditional master's degree in economics, which concentrates on contributions to academic research. The qualification is particularly relevant in the implementation of the Botswana Vision 2036 and the National Human Resource Development Strategy (2009-2022) which provides a strategic framework to guide Botswana towards becoming a knowledge-based society. To fulfil the mandates of these frameworks, the qualification aims to produce competent Economists who can contribute to development using evidence-based interventions. The programme is consistent with the Human Resource Development Council (HRDC) of Botswana document on Priority Skills and Employment Trends that identified key policy analysts and economic researchers as priority areas. To fulfil the mandates of these the programme seeks to produce graduates who are competent in both research and policy formulation/ analysis.

#### **PURPOSE:**


The qualification in Master of Arts in Applied Economics designed to produce graduates with knowledge, skills, and competence to:


- Apply economics in policy analysis and research.
- Plan, direct, coordinate research activities both in the private and public enterprises.
- Formulate policy, review, and participate in policy research and analysis for government, private sector, and the community.


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

The minimum requirements for admission to the Master of Arts in Applied Economics shall be:

- A Bachelor's degree NCQF Level 7.
- Recognition of Prior Learning (RPL) and Credit Accumulation Transfer (CAT) will be considered for access and inclusion.

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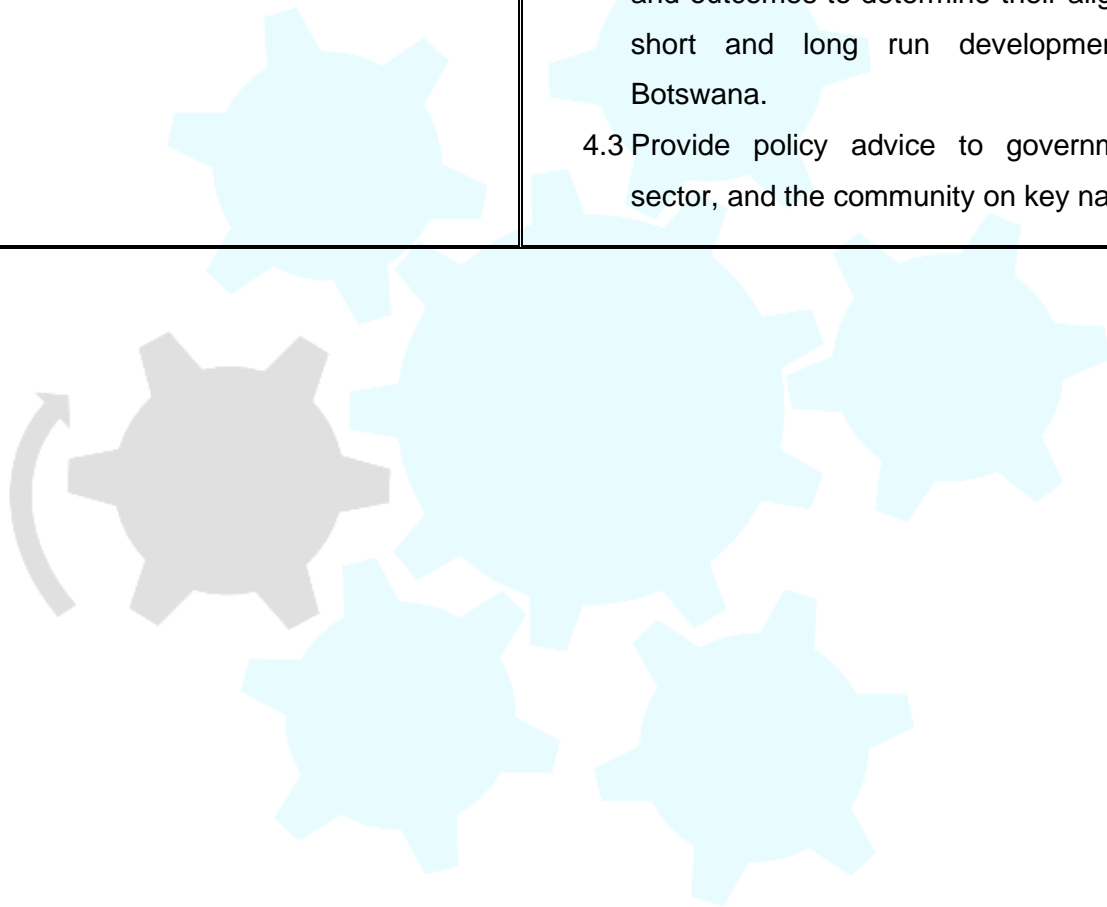
<b>SECTION B QUALIFICATION SPECIFICATION</b>	
<b>GRADUATE PROFILE (LEARNING OUTCOMES)</b>	<b>ASSESSMENT CRITERIA</b>
<p>1. Demonstrate a advanced mastery of economic research, evaluate, analyse, and interpret economic data.</p> 	<p>1.1 Use advanced knowledge gained in advanced microeconomics to analyse microeconomic issues such as poverty; health related issues; household welfare; agriculture.</p> <p>1.2 Use applied macroeconomics tools for analysis of macroeconomic problems such as inflation; balance of payments; external debt; financial instability.</p> <p>1.3 Use econometric techniques for economic analysis.</p> <p>1.4 Advanced knowledge of computer software for analysis of economic data (such as STATA, E-views for time series/panel data</p> <p>1.5 Design sampling techniques for data collection</p> <p>1.6 Design survey instruments for data collection</p> <p>1.7 Plan, organize, direct, coordinate, policy advice and strategic planning activities, participate in policy research and analysis within government or for non-government organizations</p> <p>1.8 Plan, direct, coordinate the research and development activities of enterprises and organizations, or of enterprises that provide related services to other enterprises.</p>


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<p>2. Utilize assessment data from economics and other disciplines to identify economic related problems and determine appropriate interventions</p>	<p>2.1 Develop a critical understanding of contemporary issues in economics (such as microeconomics, macroeconomics, and econometrics).</p> <p>2.2 Contribute to the debate on the relevant policy interventions to address the current and future economic problems.</p> <p>2.3 Develop a critical understanding of the controversies and convergencies in contemporary economic issues.</p> <p>2.4 Transform research findings to appropriate policy interventions.</p>
<p>3. Apply skills to analyse economic policies, discuss plausible solutions to society's economic problems</p>	<p>3.1 Develop capacity to identify research areas and prepare advanced research proposals on contemporary economic issues as per the guidelines of the Department of Economics</p> <p>3.2 Design appropriate research methods to successfully finalize the Master of Arts projects.</p> <p>3.3 Develop critical communications skills to disseminate key research findings to key stakeholders (academia, policy makers, community).</p> <p>3.4 Develop critical skills in analyzing policy effectiveness and efficiency in addressing society economic problems.</p> <p>3.5 Undertake cost-benefit analysis of various programme interventions.</p>
<p>4. Develop career paths as practicing economic analysts</p>	<p>4.1 Demonstrate skills to analyse data and write-up of a coherent, scholarly doctoral thesis, highlighting problem-solving and analytical skills</p>


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	<p>4.2 Develop capacity to analyse government budgets and outcomes to determine their alignment to the short and long run development goals of Botswana.</p> <p>4.3 Provide policy advice to government, private sector, and the community on key national issues</p>
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SECTION C	QUALIFICATION STRUCTURE				
COMPONENT	TITLE	Credits Per Relevant NCQF Level			Total (Per Subject/ Course/ Module/ Units)
		Level [8]	Level [9]	Level [10]	
<b>FUNDAMENTAL COMPONENT</b>  Subjects/ Courses/ Modules/Units					
<b>CORE COMPONENT</b>  Subjects/Courses/ Modules/Units	Microeconomic Analysis		15		15
	Macroeconomic Analysis		15		15
	Econometrics		15		15
	Quantitative Economics		15		15
	Policy Analysis		15		15
	Research Methods		15		15
	Two Optional Courses		30		30
	Dissertation Proposal		30		30

 <b>BOTSWANA</b> Qualifications Authority	<b>BQA NCQF QUALIFICATION TEMPLATE</b>	Document No.	DNCQF.QIDD.GD02
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	Dissertation		60		60
<b>ELECTIVE/ OPTIONAL COMPONENT</b>  Subjects/Courses/ Modules/Units  (Learners choose 2)	Agricultural Economics		15		15
	Corporate Finance and Investment		15		15
	Development Economics		15		15
	Economics of Public Enterprises		15		15
	Economic Theory and Institutions		15		15
	Financial Institutions and Markets		15		15
	Health Economics		15		15
	Industrial Economics		15		15
	International Economics		15		15
	International Finance		15		15
	Labour Economics		15		15
	Managerial Economics		15		15
	Monetary Theory and Practice		15		15

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	Planning and Project Appraisal		15		15
	Public Sector Economics		15		15





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SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL	
TOTAL CREDITS PER NCQF LEVEL	
NCQF Level	Credit Value
9	240
<b>TOTAL CREDITS</b>	240
<b>Rules of Combination:</b> <b>(Please Indicate combinations for the different constituent components of the qualification)</b>	
Core level 9=210 Electives level 9=30 (learners choose 2) Total=240	

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## ASSESSMENT ARRANGEMENTS

Assessor to be suitably qualified as per BQA/ National policy. Assessors shall be BQA accredited.

## MODERATION ARRANGEMENTS

There shall be internal and external moderation. Moderators shall be BQA accredited.

## RECOGNITION OF PRIOR LEARNING

Recognition of Prior Learning (RPL) will be applicable for consideration for award of the qualification in accordance with relevant policies and regulations

## CREDIT ACCUMULATION AND TRANSFER

Credit Accumulation Transfer (CAT) will be applicable for consideration for award of the qualification in accordance with relevant policies and regulations

## PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)


### LEARNING PROGRESSION PATHWAYS

#### Horizontal Progression (NCQF 9)

- Master of Business Administration (MBA)
- Master of Philosophy in Applied Economics (MPhil)

#### Vertical Progression (NCQF 10)

- Doctor of Philosophy in Applied Economics (PhD)

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## EMPLOYMENT PATHWAYS

- Policy and planning managers
- Research and development managers
- Business services and administration managers
- Financial analysts

## QUALIFICATION AWARD AND CERTIFICATION

### Award of the Qualification

- A candidate is required to achieve the stipulated 240 credits, inclusive of the fundamental/core and elective components to be awarded the qualification of Master of Arts in Applied Economics.


### Certification

- Candidates meeting prescribed requirements will be awarded the qualification in accordance with standards prescribed for the award of the qualification and applicable policies.
- Candidates who do not meet the prescribed minimum standards may, where applicable, be considered for appropriate exit awards in accordance with applicable policies.
- Upon successful completion of the Master of Arts in Applied Economics qualification, a candidate will be awarded a Certificate and Academic Transcript

## REGIONAL AND INTERNATIONAL COMPARABILITY

The Master of Arts in Applied Economics is bench-marked with similar qualifications regionally and internationally. Regionally, University of Cape Town (UCT) in South Africa and internationally, University of Bath in the United Kingdom, and University of Adelaide in Australia were considered. The structure of the qualification and regional and international qualifications is largely similar:

- Qualifications combine coursework with a research component
- Qualifications allow flexibility in choice of area of specialization.

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There are no major differences between the qualification and comparable qualifications regionally and internationally

- Qualification frameworks differ in terms of credit structures. The structure of credits is exactly like that of the University of Cape Town (UCT) however.
- For this qualification, course work and research are both compulsory, while the research component is optional in some universities.
- The menu of optional/elective courses differs across universities, to a large extent, influenced by strength of the University in a specific area of specialization.

Overall, this qualification is comparable in terms of course content, exit level outcomes, and assessment criteria with the regional and international qualifications considered. The qualification facilitates vertical and horizontal progression in the area of economics.

#### **REVIEW PERIOD**

The qualification will be reviewed after every 5 years as per the NCQF requirement.