

Document No.	DNCQF.QIDD.GD02
Issue No.	01
Effective Date	04/02/2020

SECTION A: QUALIFICATION DETAILS																
QUALIFICATION	DEVELOP	ER (S	S)	Unive	Jniversity of Botswana											
TITLE	Bachelor	of Ed	ducat	ion (F	rimary	Educ	atio	า)					NCQF	LE	VEL	7
FIELD	Education and Training SUB-FI			UB-FIE	LD		Primary Education				on	CRED	IT V	ALUE	520	
New Qualification				✓ Revi			view of Existing Qualification									
SUB-FRAMEWOR	rK .	Ger	neral	Educ	ation		<u> </u>	Т	VET				High	er E	ducation	✓
QUALIFICATION Certificate I		,	11		<i>III</i>		IV	,	V		D)iploma		Bachelor	√	
Bachelor Hono			onou	Post Graduate Certificate			te		Post Graduate Diploma							
	Masters			rs							D	octorate/	/ Ph	D		

RATIONALE AND PURPOSE OF THE QUALIFICATION

RATIONALE:

The Bachelor of Education (Primary Education) qualification is designed for both pre-service and in-service students with specializations in English, Setswana, Mathematics, Science and Social Studies. It is aligned to policy directions regarding re-tooling and re-skilling in-service teachers as well as preparing fresh entrants into the profession to meet new demands of education in a global world.

Reference is made to the Revised National Policy on Education (RNPE, 1994, p.59) regarding two key issues:

• The need for a "new kind" of primary school teacher – one who could meet the challenges of teaching classes of mixed ability learners using English as a medium of instruction. Automatic promotion meant that such learners would proceed to secondary school regardless of their performance in the Primary School Leaving Examination (PSLE). The implication was that the PSLE lost its traditional role of serving as a basis for admission into secondary school. Instead, its role had changed to that of diagnosing students' weaknesses with a view to assisting the teaching and learning processes at secondary school; and the new role of the teacher



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was the 'broadening of learners' knowledge rather than preparing children to pass examinations for the next level' (Republic of Botswana, 1993, p.107). There have also been calls for instructional approaches that move away from rote learning towards enhancing understanding; approaches often referred to as arising from the above was a need for learner-centered (Republic of Botswana, 1994) approaches in the classrooms.

More recently the quest for a new kind of teacher continues due to:

- New challenges pertaining to low pass rates in Mathematics, Language, and Science (BEC, 2014).
- Primary school children are underperforming in the two core skills of formal schooling of literacy and numeracy; according to comparative studies, namely, Trends in International Mathematics and Science Study (TIMSS), the Progress in International Reading Literacy Study (PIRLS), and the Southern and Eastern African Consortium for Monitoring Educational Quality (SACMEQ).
- In line with ETSSP 2015-2020 and NCAF (2015), the qualification responds to a need to equip learners with 21st century skills.
- Program reviews undertaken in 2015 by reviewers from UK, USA, and Zimbabwe (Tlou, 2015; Mamvuto, 2015; Siraj, 2015; Bush; 2015; Mtetwa, 2015) recommended a concurrent pre-service and in-service program. The pre-service component is premised on the need for quality teacher education programs. NCAF acknowledges that successful education systems around the world rely on teacher quality as one of the most effective determinants of quality education, and advocates for new roles and responsibilities for teachers in their classrooms and schools (Republic of Botswana, 2015a).

The *in-service component* contributes to the continuing professional development (CPD) of serving teachers and to the commitment of the Ministry of Basic Education to upgrade serving teachers with 21st century approaches to teaching and learning.

• There is recognition of the importance of new global perspectives on classroom teaching and learning grounded in the principles of lifelong learning and learning to learn including ICTs (NCAF, 2015).

PURPOSE:

The purpose of the qualification is to produce graduates who, upon completion, should;

- Competently apply 21st century teaching and learning approaches
- Effectively assess learning



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- Conduct action research in areas of specialization
- Pursue continuous professional development
- Be eligible to register with professional regulatory bodies
- Demonstrate understanding of effective pedagogical practices in primary education
- Apply problem solving skills in the different areas of specializations of primary education

ENTRY REQUIREMENTS (including access and inclusion)

The following requirements shall apply:

- 1. Certificate IV, NCQF Level 4 (BGCSE or equivalent)
- 2. Entry application through recognition of prior learning (RPL) and credit accumulation and Transfer (CAT) is allowable through Institutional policies in line with the National RPL & CAT policies.



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SECTION B QUALIFICAT	TION SPECIFICATION			
GRADUATE PROFILE (LEARNING OUTCOMES)	ASSESSMENT CRITERIA			
LO 1. Apply problem-solving skills to teaching and learning processes	AC1.1 Identify and articulate teaching and learning problems, AC1.2 Analyse complex teaching and learning problems efficiently and effectively AC1.3. Solve complex teaching and learning problem effectively and efficiently			
LO 2. Apply pedagogical and subject-matter knowledge in core subject areas LO 3. Design curriculum in core subject areas	AC2.1 Demonstrate mastery of subject matter knowledge AC2.2 Critique teaching techniques, strategies, and approaches AC2.3 Apply knowledge from various disciplines to solve complex teaching and learning problems AC3.1 Demonstrate creativity and innovativeness in curriculum development and implementation AC3.2 Demonstrate skills and competences in designing a curriculum.			
LO 4. Conduct action Research in core subject areas	AC4.1 Identify a learning/teaching problem AC4.2 Collect and analyse data AC4.3 Write and present a report AC4.4 Apply an intervention to solve the problem			



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LO 5. Evaluate global issues in education	AC5.1 Identify global/ local issues
20 0. Evaluate global issues in education	AC5.2. Analyse case studies on global trends in
	education
	AC5.3 Utilize 21st Century teaching and learning
	approaches/pedagogies.
LO 6. Demonstrate proficiency in ICTs and their	AC6.1 Develop ICT skills and competences in learners
usage in teaching and learning at primary	AC6.2 Infuse ICTs in teaching and learning
school level	AC6.3 Utilize blended e-learning approaches in teaching
7	and learning
LO7. Assess the relevance of SDGs for	AC7.1 Sustain best practices in teaching and learning
Botswana's education system	AC7.2 Demonstrate critical awareness of the impact of
	education on the socio-cultural, economic, and
	geo-political environments
	AC7.3 Identify knowledge, issues, perspectives, skills
	and values relating to sustainable development.
LO 8. Develop Inter-disciplinarity and teamwork	AC8.1 Appraise the significance of team spirit/team work
at school, regional and national levels.	AC8.2 Develop collaborative skills through group work
	AC8.3 Apply inter-disciplinarity through project work
LO 9. Participate in Lifelong learning at school,	AC 9.1 Demonstrate competency to engage in lifelong
regional and national levels	and independent learning
	AC 9.1 Develop and organize school and community-
	based workshops/seminars.
	AC 9.2 Conduct school based and regional workshops
LO 10. Demonstrate Professionalism in the	AC 10.1 Interact appropriately with people from diverse
work place	communities



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	AC 10.3 Contribute to the advancement of the profession
	through research
	AC 10.5 Apply ethical consideration and exercise
	judgment, and take responsibility for their actions
LO 11. Develop best classroom management	AC 11.1 Create conducive learning environments
practices	AC 11.2 Initiate and encourage improvement in learner
	performance.
	AC 11.3 Manage inter/intra-personal conflicts
	AC 11.4 Use advanced knowledge and understanding of
	classroom management principles and decision-
	making.
LO 12. Develop knowledge, skills and attitudes in	AC 12.1 Design, plan, and facilitate remedial workshops
organizing a remedial program	in the school(s)/region.
	AC 12.2 Conduct remedial lessons
	AC 12.3 Improve school attendance and learner retention
	in schools
	AC 12.4 Improve quality of education through addressing
	shortcomings in literacy and numeracy.

SECTION C	QUALIFICATION STRUC					TURE			
COMPONENT			Cred	Total (Per Subject/ Course/ Module/ Units)					
				Level [6]	Level [7]	Level [8]			
FUNDAMENTAL COMPONENT	Communica Academic lit		5				20		
Subjects/ Courses/ Modules/Units	Computer S Fundamenta		5				20		
CORE COMPONENT Subjects/Courses/		hilosophical and Foundations of		6			10		
Modules/Units	Characterist language	ics of Human			7		10		
		Biology and ce For Primary		6			10		
	Foundations	of Mathematics			7		20		
	Writing in Er	nglish		6			10		
	Introduction and Physics	to Chemistry		6			10		
	People and their t		6			10			



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Literacy across the Curriculum			7	10
Introduction to Educational Psychology	5			10
Introduction to Numeracy and Science for Teachers		6		10
Project-Based Learning and Teaching			7	10
Strategies for Teaching Numeracy and Science in Schools			7	10
Practitioner Research			7	10
Strategies for Teaching Literacy in Schools			7	10
Managing Education for Sustainable Development			7	10
Human Growth and Development			7	10
Assessment in Primary Schools			7	10
Organizing & implementing Remedial programs in schools			7	10
Information and Communication Technology Application in Schools			7	10
Conducting Remedial Teaching in Schools			7	10



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Introduction to Educational Research	6		10
Instructional Materials		7	10
Education for Children with Attention Deficit Hyper Disorder	77	7	10
Infusing Environmental Education in the Curriculum		7	10
TEACHING PRACTICE		7	60
English			
The Pronunciation of English	6		10
Strategies in Teaching Literacy in Schools*		7	10
English Linguistics	6		10
Poetry of Southern Africa		7	10
The Structure of the Sentence		7	10
Theory and Practice of Second Language Teaching		7	10
Modern English Grammar		7	10
Usage in English		7	10
Literature in Primary Schools		7	10
Introduction to Reading	6		 10



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Process				
Breakthrough to literacy			7	10
Teaching Reading in the Primary School			7	10
Setswana	JY			
Introduction to African Oral and Written Literature		6		10
Strategies in Teaching Literacy in Schools			7	10
The Study of Drama		6		10
Introduction to Reading Process		6		10
The Structure of Words in African Languages			7	10
Theory and Practice of Second language Teaching			7	10
Breakthrough to Literacy			7	10
Sound Systems in African Language			7	10
The Structure of the Sentence			7	10
African Oral Narratives			7	10
Literature in Primary Schools			7	10
Teaching Reading in the			7	10



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Primary sch	ool					
Mathematic	es					
Introductory	to Mathematics		6			20
Mathematica for Teachers	al Applications			7		10
Teaching Mathematics				7		10
Teaching Nuthe Primary	umber System in schools			7		10
Introductory Number The			6			10
Calculus					8	20
Geometry for School Teac	-			7		10
Teaching So				7		10
Teaching Al	gebra in Schools			7		10
The Use of Teaching Pr				7		10
	Science (Choose Compulsory)	e one of the	Science Cou	ırses. Mathe	matics is	
Introductory	to Mathematics		6			20
Geometrical Mechanics	Optics and		6			10



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General Chemistry	6			20
Principles of Biology		7		20
Electricity, Magnetism and Elements of Modern Physics		7		10
Diversity of Animals and Plants		7		10
Methods of Teaching Basic Science		7		10
Properties of Matter, Basic Thermodynamics and Introduction to Nuclear Physics		7		10
Introduction to Analytical Chemistry & Analytical Chem Lab		7		10
Mammalian Physiology		7		10
Games and Science Teaching Strategies		7		10
Biology of Flowering Plants		7		10
Structure and Survey of Functional Groups & Organic Chem lab		7		10
Mechanics, Vibrations and Waves. Physical Optics & Physics Practicals		7		10
Advanced electricity and Magnetism			8	10



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Atomic Structure Bonding and Main Group		7	10
Principles of Ecology		7	10
Current issues in Science Education		7	10
Practical work in Science Teaching		7	10
General Microbiology	6		10
Introductory to physical chemistry	6		10
Basic Electronics	6		10
Social Studies			
Introduction to Social Studies	6		10
Theories and Practice of Values in Education		7	10
Social Studies and Curriculum Development		7	10
Teaching Social Studies in Primary Schools		7	10
History of Christian Thought	6		10
Culture and Citizenship Education The Role of		7	10
Theory of Religious Education	6		10



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	Social Studies and Pedagogy		7		10
	Democracy in the Teaching of Social Studies		7		10
	Contemporary Issues in Teaching Social Studies		7		10
	Curriculum Design in Moral Education		7		10
	International Organizations and Governance			8	10
	OPTIONAL (Choose any ONE Optional course from the following)				
ELECTIVE/ OPTIONAL COMPONENT	Counseling over a Life Span	6			10
Subjects/Courses/ Modules/Units	Foundations of Early Childhood Education	6			10
NB// Choose five Elective/Optional Courses	Foundations of Environment al Education	6			10
	Introduction to Philosophy of Music Education and Fundamentals of Music	6			10
	OPTIONAL (Choose any ONE Optional course from the following)				
	Introduction to Education for Sustainable Development	6			10



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Listening, Composing, and 6	40
Performing	10
Organization and Administration of Physical Education and Sports	10
Practical Art, Craft and Design Skills for the Classroom Teacher	10
OPTIONAL (Choose any ONE Optional course from the following)	
Multicultural Counseling 7	10
Appropriate Art, Craft and Design Methods and Materials for School	10
Introduction to Ethnomusicology Education 7	10
Pre-Natal and Early Childhood Education	10
Motor Learning and Human Performance 7	10
Introduction to Numeracy and Science for Teachers 7	10
Infusing Environmental 7 Education in the Curriculum	10
OPTIONAL (Choose any ONE Optional course from the following)	
Teaching Guidance and 7	10



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Counseling in Schools and Other Settings			
Curriculum, Development in Early Childhood Education		7	10
Evaluation and Monitoring in Environmental Education		7	10
Instructional Materials		7	10
Teaching Methods in Music Education		7	10
Teaching PE in Pre-Primary and Primary schools		7	10
Substance Abuse Counseling		7	10
Management of Early Childhood Programs		7	10
Environmental Conservation Strategies I		7	10
Adapted Physical Education		7	10
Advanced Concepts in Biology and Earth Science		7	10
Teaching Algebra in schools		7	10
OPTIONAL (Choose any ONE Optional course from the following)			
Consultation in Schools and Community Settings		7	10
Environmental Multilateral Agreements in Conservation		7	10



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Education			
Theory of Moral Education		7	10
Contemporary Issues in Art Education		7	10
Movement in Music		7	10
Scientific Basis of Coaching and Officiating		7	10
Total (Optional/Electives) (5 x10)			50
Total (Teaching Practice)			60
Total Credits (Fundamentals + Core) (41 x 10)	2/5		410
Total (All Courses)			520



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SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL			
TOTAL CREDIT	TOTAL CREDITS PER NCQF LEVEL		
NCQF Level	Credit Value		
English			
5	50		
6	120		
7	350		
8	-		
Total	520		
Setswana			
5	50		
6	120		
7	350		
8	-		
Total	520		
Mathematics			
5	50		
6	120		
7	330		
8	20		



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Total	520
Science	
5	50
6	120
7	340
8	10
Total	520
Social Studies	
5	50
6	120
7	340
8	10
Total	520
TOTAL CREDITS	520



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Rules of Combination:

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

Credit distribution is classified according to Fundamentals, Core, Options and Electives and to graduate from a Bachelor of Education (Primary Education) qualification, a student must achieve the following:

Fundamentals + Core = 470 Optional/Electives = 50 Total Credits = 520

Choose five courses from the Optional/Elective courses.



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ASSESSMENT ARRANGEMENTS

Formative Assessment (50%)

Summative Assessment (50%)

Assessment will be conducted by BQA registered and accredited assessors.

MODERATION ARRANGEMENTS

- There will be internal and external moderation for the qualification.
- Assessors and moderators must be BQA registered and accredited.
- Both internal and external moderation will be done in accordance with the moderation policy of the institution which is aligned with national BQA policies.

RECOGNITION OF PRIOR LEARNING

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

CREDIT ACCUMULATION AND TRANSFER

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



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PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

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

- Bachelor of Education (Guidance & Counselling)
- . Bachelor of Education (Early Childhood Education)
- Bachelor of Education (Elementary Education)
- Bachelor of Education (Special Education)
- Bachelor of Education (Secondary Education)
- Bachelor of Education (Language Education)

Vertical Articulation (qualifications to which the holder may progress to):

- Master of Education (Primary Education)
- Master of Education (Language Education)
- Master of Education (Early Childhood Education)
- Master of Education (Social Studies Education)
- Master of Education (Math and Science Education)
- Master of Education (Special Education)
- Master of Education (Guidance and Counselling)

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Employment Pathways:

- Teachers of Basic Education
- Remedial Teachers of Basic Education
- Specialist Subject Teachers of Basic Education
- Curriculum Development and Evaluation Officer
- Education Researchers
- Education Officers
- Education Counsellor
- Language Interpreter
- Environmental Educators
- Basic Educational Policy Developers
- Art Education Practitioner
- Music Education Practitioner

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Minimum standards of achievement for the award of the qualification:

Qualification award

To be awarded Bachelor of Education (Primary Education) qualification a candidate must achieve a minimum of 520 credits.

Certification

There will be issuance of a certificate and an official transcript at award.

REGIONAL AND INTERNATIONAL COMPARABILITY

This qualification compares with the following as summarized below:

Regionally, the qualification compares well with the Bachelor of Education in Intermediate Phase Teaching (4-7) or Bachelor of Education in Foundation Phase Teaching (R-3) from the University of Witwatersrand (SA). The qualifications are similar in that they are both 4 year programs, offer specializations in literacy and language, English, Social Science, Mathematics and Science and are 480 credits. They both have Teaching Practice (TP). They differ in that at the University of Witwatersrand, students do either Bachelor of Education in Foundation Phase Teaching (R-3) and qualify to teach in lower primary or Bachelor of Education in Intermediate Phase Teaching (4-7) qualify to teach in upper primary whereas students holding a BEd. (Primary Education) qualification qualifies to teach at all level of primary schooling. The degree at the University of Witwatersrand is at NCQF level 8 whereas BEd (Primary Education) qualification is at NCQF level 7. Both institutions have the same minimum entry requirements, duration, and domains covered.

Internationally, the qualification compares well with Bachelor of Education (Primary) offered at the University of Tasmania in many ways. This is a 4 year full-time program which is pegged at NCQF level 7 and with 1st year being generic similar to the BPE qualification. It offers various specializations in Literacy, Music and Art, numeracy and Maths, and Science; Specialization begins at second year; which is similar to the proposed BEd(Primary Education) qualification. The University of Tasmania produces graduates who qualify to teach from early childhood to grade 6 – this compares very well with the planned educational reforms in Botswana where std. 6 will mark the end of primary education. Graduates from both programs qualify to teach locally and internationally. The only difference is that the B Ed (Primary) at the University of Tasmania requires 400 credits whereas BEd (Primary Education) requires 480 credits to qualify as a teacher.



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REVIEW PERIOD			
The gualification will be reviewed asset 5 years	\		
The qualification will be reviewed every 5 years.			