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		Issue No.	01
		Effective Date	27.01.2021

SECTION A: QUALIFICATION DETAILS														
QUALIFICATION DEVELOPER (S)		BA ISAGO University												
TITLE	Post-Graduate Diploma in Disaster Management										NCQF LEVEL	8		
FIELD	Health and Social Services			SUB-FIELD		Disaster Management				CREDIT VALUE	120			
New Qualification						✓		Review of Existing 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								
RATIONALE AND PURPOSE OF THE QUALIFICATION														
<p>RATIONALE:</p> <p>Disasters, whether natural or man-made, wreak havoc in the lives of millions of people around the globe. Their aftermath is nothing but a grim picture of death, destruction and suffering. It is not always possible to avoid disaster, but the suffering can be minimized by proper disaster management through appropriate disaster management tools. The United Nations International Strategy for Disaster Reduction (UN/ISDR) has calculated that there have been more than 5,210 disasters recorded in the world between 1991 and 2005 (UN/ISDR, 2004). This has mainly been in the form of natural and human-made including earthquakes, fires, famine, and floods. Africa, especially, has suffered from human-made disasters mainly in the form of genocides, wars and other natural disasters ranging from floods to earthquakes (UN/ISDR,2004 ibid). In Kenya drought, famine, landslides, fires and other disasters have cost the government more than US \$1 billion in rescue and recovery, including adverse losses of human and animal lives and destruction of infrastructure. In Botswana, floods were more pronounced in Tutume Sub-District</p>														

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during the period 2010 to 2015 compared to other districts. The floods affected 446 households and displaced a total of 1,489 individuals in Tutume Sub-District in 2013 alone (Statistics Botswana, 2016). In 2014, thunderstorm affected 51 households and displaced 36 individuals in Lobatse. Out of a total of 981 households affected by heavy rains during the period 2013 to 2015; 303 (30.89 percent) were recorded in the Northwest District in 2013 and 294 (29.97 percent) were recorded in the Central District during the same year (Statistics Botswana, 2016). During the 2010-2017 periods a total of 1,123 households and 4,580 individuals were affected by floods. A total of 1,594 households were affected by heavy rains during the period 2013 – 2017. The highest impact was recorded in the year 2013. The Southern Sub-District had the highest records of earthquake impact with one infrastructure damaged and 200 individuals affected in 2017. The 2016 year was partially drought stricken, due to below normal rainfall received in some parts of the country. A total of BWP9.22 Billion was used to import cereals (maize, rice, sorghum, millet and wheat) during the period 1999-2017. The Report further highlights that the whole country was impacted by droughts during the years: 1981–1987; 1991–1999; 2001–2005; 2007–2008, 2012, and 2014. With such statistics, there is a need for trained personnel at graduate level who will be equipped with analytical and research skills to explore disasters to enhance disaster management and response.

The 2030 Agenda for Sustainable Development highlights the need for disaster risk reduction across sectors of the economy, which is informed by the understanding that disaster risk reduction is crosscutting and requires a multi-sectoral approach with people with relevant expertise. Therefore, It is against this thought-provoking backdrop and the identified need to offer a qualification in development and disaster management at post graduate level.

PURPOSE:

The purpose of this qualification is to produce graduates who have highly specialized knowledge, skills, and competences to:

- Plan and manage disaster to reduce any future impact across the country and beyond.
- Equip disaster management teams with skills of identifying hazards.
- Assess and implement mitigation measures in disaster situations to reduce community's vulnerability and impacts of disasters.
- Carry out empirical research on effective measures and programs that can be employed to manage disasters.
- Analyse the vulnerability complex of communities towards disasters.

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- Engage with humanitarian bodies, legal statutes, policies, and ethics for disaster management and employ rescue processes in relation to humanitarian processes.

ENTRY REQUIREMENTS (including access and inclusion)


Minimum entry requirements:

- Bachelor's Degree (NCQF level 7) in the same or a cognate field of study.
- There is provision for entry through Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer (CAT) in line with institutional and national policies.

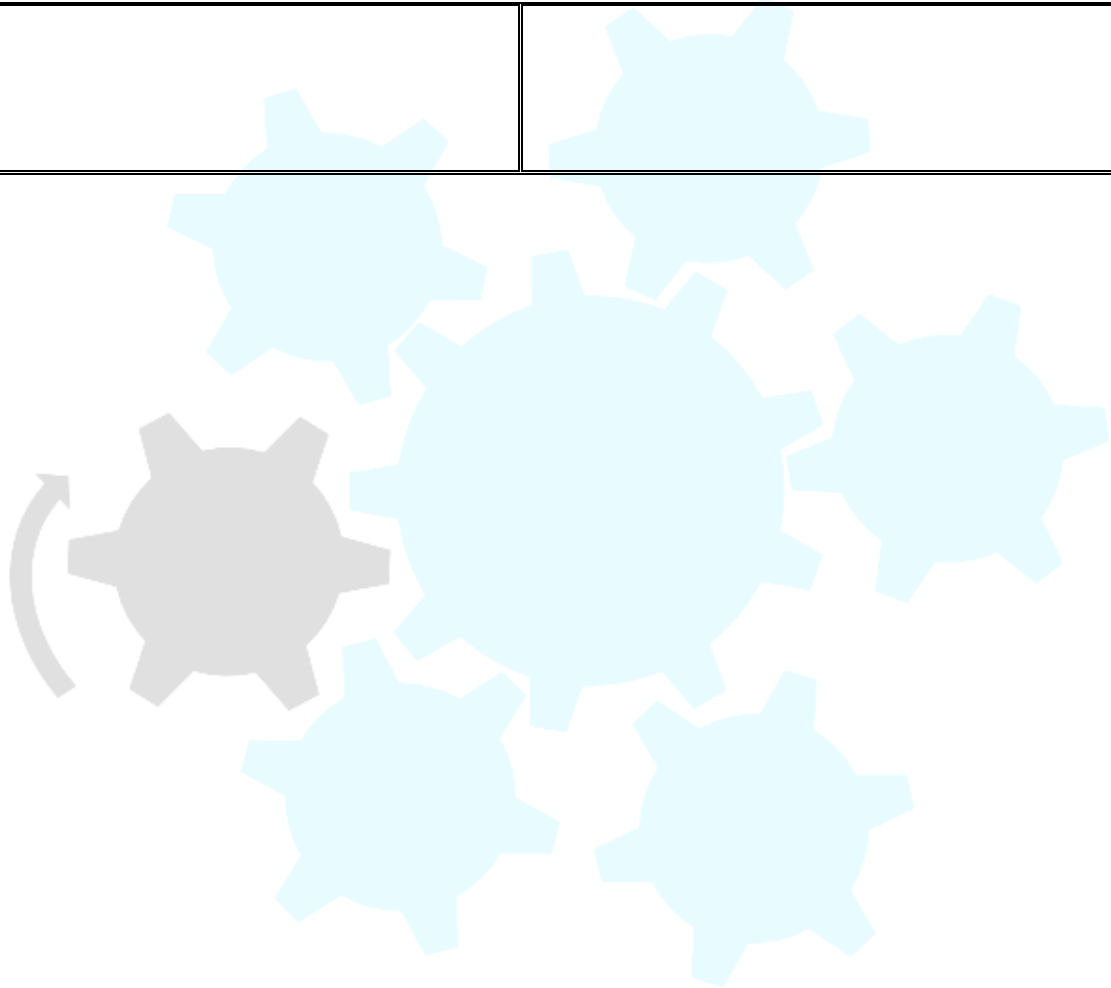
SECTION B QUALIFICATION SPECIFICATION	
GRADUATE PROFILE (LEARNING OUTCOMES)	ASSESSMENT CRITERIA
LO 1. Demonstrate Highly specialized knowledge and skills in disaster planning and management applicable to the private, public to promote preparedness.	1.1. Establish management principles of natural and human-made disasters. 1.2. Analyse processes of strategic planning and strategic management. 1.3 Identify and incorporate disaster management leadership and relevant ministries in resource planning and management. 1.4 Engage response teams in financial management, human capital resource management, logistics and administration of resource management.
LO 2. Analyse the vulnerability complex of communities towards disasters.	2.1 Investigate critical factors influencing exposure to disasters. 2.2 Develop vulnerability reduction practices and strategies.


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	2.3 Design information management system to promote transparency, effective response, and reduced vulnerability.
LO 3. Explore humanitarian bodies, legal statutes, policies and ethics for disaster management and rescue processes in relation to humanitarian processes.	3.1 Identify humanitarian bodies locally and globally. 3.2 Evaluate standard ethical procedures for rescue processes. 3.3 Use relevant legal and regulatory processes to achieve safety and environmental sustainability at local, regional, and international levels. 3.4 Set up community-based response initiatives and preparedness strategies.
LO 4. Capacitate local communities with disaster projects management information and processes.	4.1 Design capacity building procedures for communities to enhance preparedness and mitigation. 4.2 Determine the disaster management cycle, and the activities entailed in both the pre and post phase of a disaster. 4.3 Critique theoretical models and frameworks for disaster risk reduction processes.
LO 5. Demonstrate ability to conduct research and communicate the results of a scientific study in a written and oral format	5.1 Conduct qualitative and quantitative research geared towards enhanced planning, design, and management of disasters in practical research 5.2 Analyse and evaluate the results from independent research project. 5.3 Contribute to the body of knowledge about disaster management. 5.4 Present the findings through a dissertation/ thesis and an oral presentation to examiners. 5.5 Communicate the findings to appropriate stakeholders.


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SECTION C	QUALIFICATION STRUCTURE				
COMPONENT	TITLE	Credits Per Relevant NCQF Level			Total Credits
		Level [7]	Level [8]	Level [9]	
FUNDAMENTAL COMPONENT <i>Subjects/ Courses/ Modules/Units</i>	Applied Research Methods		14		14
CORE COMPONENT <i>Subjects/Courses/ Modules/Units</i>	Disaster Management	12			12
	Sphere Project and Humanitarian Charter		14		14
	Project Planning and Management		12		12
	Disaster Information Management		12		12
	Disaster Management Economics		12		12
	Disaster Management Policy and Legislation		12		12
	Disaster Risk Management	12			12
	Research Project		20		20


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ELECTIVE/ OPTIONAL COMPONENT <i>Subjects/Courses/ Modules/Units</i>					



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SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL	
TOTAL CREDITS PER NCQF LEVEL	
NCQF Level	Credit Value
Level 7	24
Level 8	96
TOTAL CREDITS	120
Rules of Combination: (Please Indicate combinations for the different constituent components of the qualification)	
<p>Level 7 consists of 24 credits</p> <p>Level 8 consists of 96 credits</p> <p>Total Credits = 120</p> <p>The credit combination for this qualification consists of 14 credits of fundamental component and 106 credits of core component.</p>	

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ASSESSMENT ARRANGEMENTS

Formative Assessment:

The weighting of formative assessment is 40 % of the Final assessment mark.

Summative Assessment:

The weighting of summative assessment is 60 % of the Final assessment mark.

Assessment will be carried out by BQA registered and accredited assessors in line with BQA/ national policies.

MODERATION ARRANGEMENTS

Internal moderation requirements:

- i. All assessment instruments should be internally moderated before administration
- ii. All marked scripts should be moderated internally
- iii. The preparation of the moderation should be accompanied by the Assessment Matrix.

External moderation requirements:

External moderation is a final check, by external subject experts, that the examination and marking is at the right standard for the type and level of the qualification.

Moderation will be carried out by BQA registered and accredited moderators in line with BQA/ national policies.

RECOGNITION OF PRIOR LEARNING


Recognition of Prior Learning (RPL) will be applicable for consideration for award in this qualification.

CREDIT ACCUMULATION AND TRANSFER

Credit Accumulation Transfer (CAT) will be applicable for consideration for award in this qualification.

PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

Horizontal Articulation:

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- Post Graduate Diploma in Development Studies.
- Post Graduate Diploma in Project Monitoring and Evaluation.
- Post Graduate Diploma in Safety Management.
- Post-Graduate Diploma in Occupational Safety, Health and Environmental Management.
- Postgraduate Diploma in Risk and Safety Management.

Vertical Articulation:

- Master of Science in Disaster Management.
- Master's Degree in Development Studies.
- Master's Degree in Safety and Risk Management.
- Master's Degree in Occupational Health and Safety Management.
- Master of Science in Environmental, Health and Safety Management.

Employment Pathways

- Disaster Management Officers.
- Operations Risk Officer.
- Humanitarian Projects Management Specialists.
- Project Monitoring and Evaluation Consultants.
- Government Advisors on Disaster Management.
- Public Safety Officer.
- Hazardous Materials Officer.
- Emergency Planner.

QUALIFICATION AWARD AND CERTIFICATION

Qualification award:

Candidates meeting the prescribed requirements will be awarded the qualification in accordance with the qualification composition rules and applicable policies. To be eligible for the award of, candidates must have successfully completed all fundamental and core modules and passed examinations and acquired 120 credits.

Certification:

Candidates meeting prescribed requirements will be awarded Post Graduate Diploma in Disaster Management and will be issued a certificate and an official transcript.

REGIONAL AND INTERNATIONAL COMPARABILITY

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The proposed Post Graduate Diploma in Disaster Management has been benchmarked against the following qualifications offered by various institutions.

Regional:

University of Free State (South Africa) offers Postgraduate Diploma in Disaster Management at NQF level 8 with a minimum entrance requirement of a good degree or diploma at NQF level 7. The Postgraduate Diploma in Disaster Management is a one-year qualification consisting of eight subjects, four in the first semester and four in the second semester which almost tallies with this proposed post graduate diploma in disaster management and also that offered by Royal Roads University in Canada in terms of duration and the number of credits attached.

Northwest University (South Africa) offers a Postgraduate Diploma in Disaster Risk Management, and the prestigious postgraduate diploma aims to address issues of disaster risk reduction and climate change adaptation through a multi- and transdisciplinary perspective. This qualification provides with specialised skills, which will enable learners to apply disaster risk reduction in various disciplines or area of speciality. Just like the University of Free Estate, Royal Roads University and this proposed qualification, the post graduate diploma is on an NQF level 8 with 144 credits.

International:

Royal Roads University (Canada) offers Post Graduate Diploma (GD) in Disaster and Emergency Management which is a one-year interdisciplinary degree dedicated to educating both aspiring and existing disaster and emergency management professionals. The qualification explores the theoretical foundations of disaster and emergency management as a growing field of practice and study. The qualification emphasizes an integrated and holistic approach to disaster and emergency management built on the understanding that disasters are more than hazards and are products of the inter-relationship and mutual construction of the environmental, social, economic, and political spheres. This qualification resembles the one offered at the University of Free State and the proposed one in that they are all offered in two semesters.

REVIEW PERIOD

Every five (5) years.