

| SECTION A: QUALIFICATION DETAILS | | | | | | | | | | | | | | | |
|--------------------------------------------|--------------------------------|------------------------|---|--|------------------|---------------------------|----------------------------------|--|----------------|---------------------|-------------------|-----------------------|---------|---|----------|
| QUALIFICATION DEVELOPER | | University of Botswana | | | | | | | | | | | | | |
| TITLE | Diploma in Population Studies | | | | | | | | | | NCQF LEVEL | 6 | | | |
| FIELD | Humanities and Social Sciences | | | | SUB-FIELD | Population Studies | | | | CREDIT VALUE | 256 | | | | |
| 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 | | | | | | | | | | | | | | | |

Diploma in Population Studies is a qualification whose aim is to provide basic training on demography and population studies. A key objective of Botswana's Revised National Population Policy (2010) is to improve the quality of life of all the people living in Botswana. The policy identifies the strengthening national capacity for data collection, training, research and evaluation and the dissemination of relevant policy-oriented research on key population issues as some of the strategies for attaining improved quality of life. The Revised National Health Policy (2011) has identified the need for data collection, collation, and analysis as an important task; while Vision 2036 which calls for prosperity for all, identifies the need for research and development to ensure sustainable use of resources.

The qualification has an established niche among mostly midcareer professionals in public and private sectors, working in population and related fields. The Diploma qualification is also strategic for those individuals who do not have the requisite qualifications to gain direct entry into the bachelors' program, including young people fresh from secondary school, as well professionals already working in population and related fields, who did not have the requisite academic credentials to be directly enrolled into the Bachelor of Arts program. Thus, the qualification can contribute to strengthening of national capacities for data collection, monitoring and evaluation that are required to support the data needs of a modern and knowledge-based economy, which Botswana envisages to attain. The qualification does this by providing access to training of professionals and other individuals for whom such training would be out of reach.

PURPOSE:

The purpose of the Diploma in Population Studies is to produce graduates who have knowledge, skills, and competencies to:

Qualification Purpose

The purpose of this qualification is to produce graduates with advanced knowledge, skills and competence to:

- Demonstrate understanding of demographic data, basic principles, methods and techniques of demographic data collection, management analysis and presentation/report writing in social science research.
- design, manage and conduct research in population studies, to evaluate and adjust demographic data, and to use specialized demographic software for studying fertility, mortality and making projections and estimates.
- select and show innovation in the identification and resolving complex and problems in Demography and Population Studies.
- Demonstrate ability to be self-directed, innovative, and creative to design and implement research processes within Population Studies.
- Demonstrate ability to use data to resolve population and development related problems and be able to present results and be accountable for the results.

ENTRY REQUIREMENTS (including access and inclusion)

Minimum entry requirement for this qualification is a:

NCQF Level 4, Certificate IV (General Education or TVET) or equivalent.

Recognition of Prior Learning (RPL):

There shall be 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 | |
| <ul style="list-style-type: none"> Demonstrate advanced knowledge demographic data and the basic principles, methods and techniques of demographic data collection, management analysis & presentation /report writing in social science research. | | <ul style="list-style-type: none"> Apply demographic methods, techniques & theories to provide solutions to populations / demography related problems issued to provide solutions. Solve complex, but also anchored in modern day and contemporary world; and in ways that shows the interconnectedness of population and other areas of development. | |
| <ul style="list-style-type: none"> Apply advanced skills to design, manage and conduct research in population studies, to evaluate and adjust demographic data, and to use specialized demographic software for studying fertility, mortality and making projections and estimates. | | <ul style="list-style-type: none"> Apply demographic & other methods and techniques to collect, manage and analyze population data. Demonstrate ability to evaluate, detect and adjust data errors before data are used. Apply basic data and research techniques to generate results and evidence from data that can be used to resolve population and development related problems. Apply knowledge and skills to the writing of a research paper based on primary or secondary data. Demonstrate ability to communicate ideas informed by analysed research data to the contemporary world. | |
| <ul style="list-style-type: none"> Demonstrate ability to select and show innovation in the identification and resolving complex and problems in Demography & Population Studies | | <ul style="list-style-type: none"> Apply demographic skills acquired to identify population and development related problems. Apply innovative models or techniques learned from Demography and Population Studies to resolve complex problems. Use theories to formulate research problems. Apply basic research principles, methods, and techniques of data collection in research. | |

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Demonstrate ability to be self-directed, innovative, and creative to design and implement research processes within Population Studies. | <ul style="list-style-type: none"> • Apply relevant technical, design, management and implementation skills learnt to resolve problem situations. • Use the skills learnt to appreciate researchers and policymakers from various fields such as public health, epidemiology, demography, economics, and public policy, among others, have research priorities that reflect a multidisciplinary study of population and development. |
| <ul style="list-style-type: none"> • Demonstrate ability to use data to resolve population and development related problems and be able to present results and be accountable for the results. | <ul style="list-style-type: none"> • Develop independently, a research problem. • Identify, and analyze relevant data and produce a research report based on findings of the research problem identified. • Design and implement research processes within Population Studies and take responsibility and accountability for the outcomes. |

| SECTION C | QUALIFICATION STRUCTURE | | | | |
|---------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------|------------------|------------------|----------------------|
| COMPONENT | TITLE | Credits Per Relevant NCQF Level | | | Total Credits |
| | | Level [4] | Level [5] | Level [6] | |
| FUNDAMENTAL COMPONENT <i>Subjects/ Courses/ Modules/Units</i> | Computer Skills Fundamentals 1 | 4 | | | 8 |
| | Computer Skills Fundamentals 2 | 4 | | | 8 |
| | Communication and Academic Literacy Skills | | 5 | | 12 |
| | Academic and Professional Communication | | 5 | | 12 |
| CORE COMPONENT <i>Subjects/Courses/ Modules/Units</i> | Introduction to Substantive Demography | | | 6 | 12 |
| | Introduction to Statistics | | | 6 | 12 |
| | Mathematics for Social Sciences | | | 6 | 12 |
| | Introduction to Epidemiology and Technical Demography | | | 6 | 12 |
| | Elements of Research Methods | | | 6 | 12 |
| | Methods of Demographic Analysis | | | 6 | 12 |
| | Computing for Demographers | | | 6 | 12 |
| | Demographic Data Analysis and Report Writing | | | 6 | 12 |

| ELECTIVE/ OPTIONAL COMPONENT <i>Subjects/Courses/ Modules/Units</i> | SET 1 (CHOICE OF 24 CREDITS (TWO MODULES ONLY)) | | | | |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------|--|--|----------|-----------|
| | Introduction to Population and Developments | | | 6 | 12 |
| | Population Policy of Botswana | | | 6 | 12 |
| | Reproductive Health and Family Planning | | | 6 | 12 |
| | Demography of Southern Africa | | | 6 | 12 |
| | SET 2 (CHOICE OF 60 CREDITS (5 MODULES ONLY)) | | | | |
| | Basic Microeconomics | | | 6 | 12 |
| | Basic Macroeconomics | | | 6 | 12 |
| | Sociology of Development | | | 6 | 12 |
| | Elements of Probability | | | 6 | 12 |
| | Introduction to Sociological Concepts and Principles | | | 6 | 12 |
| | Introduction to Sociological Theory | | | 6 | 12 |
| | Introduction to Psychology | | | 6 | 12 |
| | Introduction to Public Administration | | | 6 | 12 |
| | Introduction to Political Science | | | 6 | 12 |
| | SET 3 (CHOICE OF 36 CREDITS ONLY (3 MODULES ONLY)) | | | | |
| | Critical thinking-A Life Tool | | | 6 | 12 |

| | | | | | |
|--|--------------------------------------------|--|----------|----------|-----------|
| | Introduction to Legal Language | | | 6 | 12 |
| | Advanced Writing Skills | | | 6 | 12 |
| | Advanced Oral Presentations | | | 6 | 12 |
| | Advanced Communication Skills | | | 6 | 12 |
| | Fitness through Physical Education | | 5 | | 12 |
| | Introduction to Swimming | | 5 | | 12 |
| | Health and Wellness | | 5 | | 12 |
| | HIV/AIDS Education, Prevention and Control | | 5 | | 12 |
| | Human Nutrition | | 5 | | 12 |

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

Rules of Combination

To obtain the Diploma of Population Studies Qualification, learners will be required to obtain a minimum of 256 credits, of which:

- 40 Credits from Fundamental Component (4 Modules)
- 96 Credits from Core Component (8 Modules)
- 120 Credits from elective/optional components (Set 1, Set 2 and Set 3)

There are three sets of electives, a learner is to choose 2 modules from set 1 (24 credits), five modules from set 2 (60 credits) and three modules from set 3 (36 credits) to make a total of 120 credits.

Credit Distribution

Level 4 -16 credits
Level 5 – 24 credits
Level 6 – 216 credits
Total – 256 credits

ASSESSMENT ARRANGEMENTS

Assessment strategies shall be consistent to learning outcome NCQF level 6.

All the assessments, formative and summative, leading/contributing to the award of credits or a qualification should be based on learning outcomes and/or sub-outcomes.

Formative assessment

The contribution of formative assessment to the final grade shall be **60%**.

Summative assessment

The contribution of summative assessment to the final grade shall be **40%**.

MODERATION ARRANGEMENTS

There shall be internal and external moderation arrangements done by BQA registered and accredited Moderators.

RECOGNITION OF PRIOR LEARNING (if applicable)

Recognition of prior learning shall be implemented in accordance with the National Recognition and Prior Learning policies.

PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

LEARNING PATHWAYS

Horizontal Articulation

Graduates of this qualification may consider pursuing related qualifications for purposes of multiskilling, retooling, etc.

- Diploma in Demography

- Diploma in Population and Development
- Diploma in Development Studies
- Diploma in Statistics
- Diploma in Monitoring and Evaluation, Data Analytics,
- Including Diploma in the following fields: Records Management, Data Management, Immigration and Civil Statistics, Civil Registration, Social Security, Journalism, Education, Information Technology, Public Administration, Business Administration, Environmental Science, Health Science, Health Education, Public Health, Health Management & Market Research.

Vertical Articulation

Graduates may progress to any recognized university to pursue qualifications such as Bachelor's degree in the following areas:

- Bachelor's Degree in Demography
- Bachelor's Degree in Population Studies
- Bachelor's Degree in Sociology
- Bachelor's Degree in Psychology
- Bachelor's Degree in Social Sciences
- Including bachelor's degree in the following fields: Population and Development, Development Studies, Statistics, Monitoring and Evaluation, Data Analytics, Records Management, Data Management, Immigration and Civil Statistics, Civil Registration, Social Security, Journalism, Education, Information Technology, Public Administration, Business Administration, Environmental Science, Health Science, Health Education, Public Health, Health Management & Market Research.

EMPLOYMENT PATHWAYS

Graduates will have requisite competencies and attribute to work as:

- Assistant District Population Officers
- Assistant demographers/planning officers/statisticians
- Assistant Research Officers/Research Associate
- Assistant Monitoring and Evaluation Clerks/Officers
- Assistant Civil and National Registration Officers
- Market Research Assistants or Business assistant demographers
- Knowledge and Documentation Officer

- Indigenous Population Control Advisor
- Research Officer
- Project Assistant

QUALIFICATION AWARD AND CERTIFICATION

Qualification Award

To be awarded the Diploma in Population Studies qualification, a candidate is required to achieve a minimum of **256 Credits**. The Candidate should pass all the **Fundamental, Core and 10 Elective** modules.

Certification Award

Candidates meeting prescribed requirements will be awarded a **Diploma in Population Studies** and will be issued a certificate and an official transcript.

REGIONAL AND INTERNATIONAL COMPARABILITY

Knowledge and skills acquired from this Diploma qualification are comparable to those acquired in the Diploma in Population Studies in the following Universities:

- University of Nairobi (Nairobi, Kenya)
- University of Dunia (India)
- International Institute for Population Science (Mumbai, India)

REVIEW PERIOD

The qualification will be reviewed after five years upon registration.