



Scholarships advert for Master of Science in Integrated Catchment and Water Resources Management (ICWRM) At the National University of Lesotho 2023 Intake

About the Scholarship

WaterNet invites applications from **Basotho Nationals** for scholarships for the Master of Science in Integrated Catchment and Water Resources Management (ICWRM) to be hosted by the National University of Lesotho Water Institute during the 2023/2024 intake. There are 15 scholarships in this 2023/2024 intake.

The aim of the scholarship is to build the human capacity of the **Basotho Nationals** in natural resource management for effective sustainable natural resource management in Lesotho.

What the full Scholarship will Cover

The 15 full scholarships will cover:

- Monthly living expenses
- Fees
- Research expenses

How to Apply for the Scholarships

Interested eligible persons should submit the following to trainings@waternetonline.org with a copy to waternet@waternetonline.org on or before **23rd of April 2023 at 23:59**.

- Attach Statement of Motivation (Maximum 500 words). In this statement indicate why you want to participate in the programme and explain your choice of specialisation
- Attach a short CV (maximum 2 pages)
- Attach a Letter of Reference from current or previous employer. If never employed attach letter from a university where you obtained your higher education degree.

Applicants should also fill an application form that can be found at the following link:

<https://ee.kobotoolbox.org/06WXv0sp>

For any challenges with the application link, please send an email to trainings@waternetonline.org

Please make sure you have provided all the documentation required. Applications will only be considered upon submission of the above requisites.

Bonding after Completion of the Study

Since the scholarship is provided as a support to implementation of Integrated Catchment Management in Lesotho, successful candidates who are already employed in natural resources management institutions will be bonded for a period of 5 years after completion of their studies.

For more information about the project follow this link:

<https://renoka.org/>

For more information contact:

WaterNet Secretariat Contact Details
The WaterNet Secretariat
Private Bag X2046,
Mmabatho, 2745
South Africa

Email: waternet@waternetonline.org

Web: www.waternetonline.org



About the Masters Programme Being Sponsored

The National University of Lesotho invites applications for Master of Science in ICWRM which will be offered on full time mode for 2 years (4 semesters) at the National University of Lesotho Water Institute. This programme has been submitted for accreditation by Council on Higher Education.

The programme comprises of 12 core courses which are covered in year 1. In year 2, there are two specialisations with seven compulsory courses in the 3rd semester and a dissertation in the 4th semester. The two specialisations are Water Resources Management and Catchment Management.

The MSc Programme in ICM/IWRM seeks to integrate water resources management and catchment

management. The two concepts are interrelated because a catchment, also called a drainage basin or watershed, is defined as an area in which all water flowing into it goes to a common outlet. Sociologically, people and livestock are an integral part of a watershed, and their activities affect the productive status of watersheds and vice versa. From the hydrological point of view, the different phases of the hydrological cycle in a watershed are dependent on the various natural features and human activities. Watershed is not simply the hydrological unit but also socio-political-ecological entity which plays a crucial role in determining food, social, and economical security and provides life support services to rural people. The key characteristics that underpin the programme are the need for integrated land and water resources management, the causal link between upstream land and water use and downstream impacts, the multiplicity of stakeholders and the typical nexus in upland areas between resource depletion and poverty.

Structure of the Programme

Core Courses (Semester 1 and 2)	Integrated Water Resources Management Specialisation (Semester 3)	Catchment Management Specialisation (Semester 3)	Semester 4
Principles of Integrated Water Resources Management	Water Resources Planning	Integrated Catchment Management	Dissertation
Climate & Climate Change	Groundwater Resources Assessment and Management	Rangeland Management	
Catchment Hydrology including Groundwater	Water, Energy, and Food	Ecosystem Management	
Catchment Geomorphology	Water Supply and Wastewater Systems	Participatory Planning for ICM	
Soil and Water Conservation	Earth Observation of Water Resources	Mainstreaming Gender in ICM	
River Water and Groundwater Quality	Hydroinformatics	Applications of Remote Sensing and GIS for ICM	
Water and Ecosystems	Research Methods	Research Methods	
Land Resources Evaluation and Land Use Planning			
Natural Resources Economics	ELECTIVES	ELECTIVES	
Remote Sensing and GIS	Integrated Project Planning, Monitoring and Evaluation	Integrated Project Planning, Monitoring and Evaluation	
Environmental and Water Governance	Statistical Analysis for Catchment Management	Statistical Analysis for Catchment Management	
Environmental Management			



Entry Requirements into the Masters Programme

Applicants are required to have at least a good first degree at Bachelor level (BA/BSc). The candidate should be able to show an orientation of his/her field of study to natural resources related issues including water and land. Preference will be given to those with two or more years of relevant experience. The language of instruction is English.

- BSc, BSc Honours, postgraduate certificate, or postgraduate diploma in biophysical sciences of engineering in any natural science fields from a recognised institution with at least a lower second class or 2 (ii) or GPA 3.0.
- Bachelor of Arts with significant content in natural resources management, Geography or related fields may be considered.

- Applicants with a pass in engineering or biophysical sciences will require previous professional experience of at least two years in related fields.
- MSc degree holders in related fields are also eligible and can apply for exemption from certain course/s
- Candidates for whom English language is not their study language at undergraduate level must prove their English proficiency.

The closing date for applications is the 23rd of April 2023 at 23:59.

For more information on the MSc ICWRM and on how to apply, please visit www.nul.ls

NUL Water Institute

PO Roma 180

Email: nulwi@nul.ls; waterinstitute.nul@gmail.com

ReNOKA is a national programme and citizen movement for the restoration of land and water in Lesotho and the Orange-Senqu River Basin. Support for ReNOKA is provided through a partnership between the Government of Lesotho, the European Union (EU) Delegation to the Kingdom of Lesotho and the German Federal Ministry for Economic Cooperation and Development (BMZ). The EU and BMZ contributions are implemented through a technical assistance project “Support to Integrated Catchment Management in Lesotho” by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

For more Information

Visit the ReNOKA website at www.renoka.org

Engage with us on social media:

Facebook: <https://www.facebook.com/renokamovement/>

Twitter: [Twitter: https://twitter.com/renoka_movement/](https://twitter.com/renoka_movement/)

Instagram: https://www.instagram.com/renoka_movement/

LinkedIn: <https://www.linkedin.com/company/renokamovement/>

The ICWRM Msc. Programme was developed and will be implemented in close collaboration with ReNOKA and with the financial support of the European Union (EU) and the German Federal Ministry for Economic Cooperation and Development (BMZ). Its contents are the sole responsibility of WaterNet Trust and do not necessarily reflect the views of the European Union or the German Federal Ministry for Economic Cooperation and Development (BMZ).



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