



Background

The Department of Water and Sanitation (DWAS) within the Faculty of the Environmental Sciences at Mzuzu University, Malawi – Southern Africa.

We offer Bachelor's degree programmes in Water Resources Management and Development (**BSc. in WRMD**) and Sanitation (BSc in Sanitation). It also runs postgraduate programmes at Masters (MSc) and Doctoral (PhD) levels—both in Water Resources and Sanitation Engineering.

The Department, together with the Centre of Excellence in Water and Sanitation (WATSAN - MZUNI) and the SMART Centre, also offer **Short Courses, Research, Consultancy, Community Outreach and Tailor-made Trainings.**

Our Vision

To become a leading school for water and sanitation sciences in the country and beyond that effectively provides training, consultancy and research needs of the industry and communities.

Our Mission

To provide skill enhancing opportunities to Malawians and others through the acquisition of professional knowledge, technical and practical skills in the water and sanitation sector, research on the development of innovative and sustainable provisions of water and sanitation services.

Rational Of Programme Areas

The programme focuses the following:

- Sanitation and hygiene promotion
- Water infrastructure development
- Irrigation technology development
- Hydropower
- Environmental management

Services Offered

The department, among others, offers research and consultancies in the following areas:

- Water supply
- Irrigation
- Water, sanitation and hygiene (WASH)
- Hydrogeology
- Water resources management (WRM)
- Geographical information systems (GIS)
- Water quality (monitoring & analyses etc)
- Waste management

These services help to resolve challenges faced by the water and sanitation sectors in line with National & International agenda (SDGs, MGDS III & Vision 2020)



Students' Education Visits



Survey Activities



Rope-washer pump Technologies



Entry Requirements

1. B.Sc Programme (Generic: 4 yrs)

- **MSCE** (or its equivalent) with ≤ 30 aggregate points in the best six subjects including English, P/Science or Chemistry or General Science obtained in not more than two sittings.
- At least credits in English, Maths and any two science related subjects such as Agriculture, Geography and Biology.

2. B.Sc Programme (Upgrading: 3 yrs)

- MSCE (or its equivalent) with at least credits in English and Maths and any two science related subjects; &
- Diploma or Certificate with professional experience in relevant field for not less than 2 years.

3. M.Sc Programme (2 yrs):

- BSc degree (minimum) in Water Resources or Environmental Sciences or Engineering related subject, experience in WASH & English language skills.

4. Ph.D Programme (3 yrs):

- MSc degree (minimum) in Water Resources or Environmental Sciences or an Engineering related subject, experience in WASH & English language skills.



River Basin Management

Tuition Fees and Scholarship Support

Successful applicants pay tuition fees, lodging, food & other services. Scholarship opportunities and grants are also available for all programmes.

Career Opportunities

Our B.Sc, M.Sc and Ph.D graduates among others are employed by government departments, private sector, industries, & NGOs in areas of:

- Water Resources Management
- Water, Sanitation & Hygiene (WASH),
- Environmental Management, GIS & Remote Sensing Applications,
- Agriculture, Natural Resources, Water Harvesting Technologies & Reservoirs
- Sanitation Entrepreneurship/Marketing.
- Irrigation Engineering (schemes), Water supply, Waste Management

The graduates can also be recruited in academics or establish their own **Research & Consulting Firms.**



MZUNI Wastewater Treatment Plant (WWTP)

Facilities Available & Future Plans

DWAS is housed on Campus and has laboratory facilities and services. In the near future, we intend to construct student workshops, research fields and two state-of-the-art science laboratories.



MZUNI Campus



Staff Members

- Eng. Eddie Mtonga (HoD)
- Dr. Russel C.G. Chidya (Ph.D.)
- Dr. Brighton Chunga (Ph.D)
- Mphatso Malota
- Swithern Matamula.
- Dr Rochelle Holm (Ph.D), WATSAN Centre Manager

Contact Details

**Mzuzu University,
Faculty of Environmental Sciences,
Department of Water and Sanitation
P/Bag 201,
Luwinga. Mzuzu 2.**

Tel: +265 (1) 320 384

Fax: + 265 1 320 648

E-mail: water@mzuni.ac.mw

Website: www.mzuni.ac.mw/water_profile.html



MZUZU UNIVERSITY
Faculty of Environmental Sciences

**Department of Water
And Sanitation**



Our Vision:

To become a leading School for Water & Sanitation Sciences in the country and beyond that effectively provides training, consultancy & research needs of the industry & communities.