



CONTACT DETAILS

To find out more about University of Venda's
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University of Venda

Creating Future Leaders



**DEPARTMENT OF
BIOLOGICAL
SCIENCES**



BSC BOTANY AND ZOOLOGY (MNBBSO)

The Department of Biological Sciences offers undergraduate and postgraduate training in Botany and Zoology through teaching, research and community engagement geared towards sustainable ecological practices, biodiversity loss and change in Southern Africa.



DIP FRESHWATER TECHNOLOGY (MNDDFT)

The qualification will enable a learner to apply biomonitoring, using indicators such as invertebrates (SASS and MIRAI), fish (FAI and FRAI), plants (VEGRAI), geomorphology (Geomorphology index), diatoms (DAI), and algae (NEMP) to assess the quality of freshwater.



QUALIFICATIONS

QUALIFICATIONS OFFERED

*DIPLOMA (FRESHWATER TECHNOLOGY): MNDDFT

Generic BSc degrees (BSc):

- BSc (BIOCHEMISTRY AND BIOLOGY): MNBBSD
- BSc (MICROBIOLOGY AND BOTANY): MNBBSE
- BSc (BOTANY AND ZOOLOGY): MNBBSO

BSc Hons degrees (BSc. Hons):

- BSc HONS BIOLOGICAL SCIENCES (BOT): MNHHBT
- BSc HONS BIOLOGICAL SCIENCES (ZOO): MNHHZO

MSc degrees (MSc):

- MSc BIOLOGICAL SCIENCES (BOTANY)
- Project: BOT 6300 CODE: MNMBSB
- MSc BIOLOGICAL SCIENCES (ZOOLOGY)
- Project: ZOO 6300 CODE: MNMBSZ

PhD degrees (PhD):

- PhD LIFE SCIENCES (BOTANY)
- Project: BOT 7300 CODE: MNPLSB
- PhD LIFE SCIENCES (ZOOLOGY)
- Project: ZOO 7300 CODE: MNPLSZ



WHAT DO YOU NEED TO BE ADMITTED?

Generic BSc Degree:

Obtained a minimum admission requirement in a National Senior Certificate (NSC) as certified by the Council for General and Further Education and Training (Umalusi) with an achievement rating of 4 (adequate achievement, 50-59%) or better in English, Mathematics, Physical Science and Life Sciences.

Diploma in Freshwater Technology:

A national Senior Certificate with a minimum of 30% in the language of learning coupled with an achievement rating of 3 (Moderate Achievement, 40 – 49%) or better in four of the recognised 20-credit NSC subjects and a 4 in either Biology, Agricultural Sciences, Physical Sciences or Geography.



JOB OPPORTUNITIES

Ecologist, Conservation Biologist, Wildlife Biologist, Botanist, Environmental Consultant, Research Scientist, Science Educator, Park Ranger, Agricultural Scientist, Phytopathologist, Wildlife Rehabilitation, Diploma in Freshwater Technology: Water Quality Technician, Aquatic Ecologist, Environmental Consultant, Community Water Educator