



MUA

MARONDERA UNIVERSITY
OF AGRICULTURAL SCIENCES AND TECHNOLOGY

VACANCIES

Applications are invited from suitably qualified and experienced persons to fill the following posts that have arisen in the University:

FACULTY OF EARTH AND ENVIRONMENTAL SCIENCES AND TECHNOLOGY

1. LECTURER/ SENIOR LECTURER/ASSOCIATE PROFESSOR/PROFESSOR- Applied Chemistry

Applicants must have at least a Masters or PhD degree in the field of Applied Chemistry/Chemistry or related discipline. A Bachelor's degree in the field of Chemistry, Physical Sciences or equivalent is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department, Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Analytical and Inorganic Chemistry; Organic Chemistry, and Analytical Methods and Instrumentation. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

2. LECTURER/ SENIOR LECTURER/ASSOCIATE PROFESSOR/PROFESSOR – Farming Bio Systems Technology

Applicants must have at least a Masters or PhD degree in the field of Agricultural Sciences or related discipline. A Bachelor's degree in the field of Soil Science, Agricultural Engineering, Environmental Science, Agronomy or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department, Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Soil Physics, Soil Mechanics, Irrigation Systems, Farming Systems Modelling. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

3. LECTURER/ SENIOR LECTURER/ASSOCIATE PROFESSOR/PROFESSOR – Soil Biology and Fertility

Applicants must have at least a Masters or PhD degree in the field of Agricultural Sciences or related discipline. A Bachelor's degree in the field of Soil Science, Agronomy, Biology or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Soil Biology and Fertility, Soil Chemistry and Productivity, Soil Health, and Organic Farming. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage

**4. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/ PROFESSOR-
Environmental Health and Sanitation**

Applicants must have at least a Masters or PhD degree in the field of Environmental Sciences, Public Health or related discipline. A Bachelor's degree in the field of Environmental Sciences, Public Health, Hygiene or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Water, Sanitation and Hygiene; Health Systems and Policy; Environmental Monitoring and Evaluation. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage

**5. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/ PROFESSOR-
Environmental Science**

Applicants must have at least a Masters or PhD degree in the field of Environmental Sciences, Agricultural Sciences, Forestry or related discipline. A Bachelor's degree in the field of Environmental Sciences, Agricultural Science, Forestry or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Land Use Planning, Land Reclamation, Waste Management, Environmental and Social Impact Assessment. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage

6. Environmental Microbiology and Biochemistry

Applicants must have at least a Masters or PhD degree in the field of Agricultural Sciences, Environmental Sciences, Biological Sciences or related discipline. A Bachelor's degree in Microbiology, Soil Science, Biochemistry, Biological Sciences, Environmental Sciences or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Introduction to Microbiology, Soil Biology and Biochemistry, Ecological Restoration. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

7. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/ PROFESSOR- Climate Science

Applicants must have at least a Masters or PhD degree in the field of Agricultural Sciences, Geographical and Environmental Sciences or related discipline. A Bachelor's degree in Geography, Agriculture, Environmental Science, Natural Resources or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Meteorology and Climate Change, Natural Resources and Climate Change, Climate Change Science and Policy. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

8. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/ PROFESSOR- Natural Resources Management

Applicants must have at least a Masters or PhD degree in the field of Natural Resources, Forestry, Agricultural Sciences, or related fields. A Bachelor's degree in Agriculture, Natural Resources, Forestry or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Natural Resource Disaster Management, Governance Policy and Legislation, Wildlife Conservation and Ethics. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

9. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/ PROFESSOR-Earth Sciences

Applicants must have at least a Masters or PhD degree in the field of Earth Sciences, Geological Sciences, Natural Resources or related fields. A Bachelor's degree in Geology, Geography, Earth Science, Natural Resources or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Introduction to Geology and Mineral Resources, Mineralogy, Mineral Resources Management. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

10. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/PROFESSOR - Wildlife Science

Applicants must have at least a Masters or PhD degree in Agricultural Sciences, Wildlife Sciences or related fields. A Bachelor's degree in Biology, Ecology, Animal Science, Wildlife, Zoology or equivalent field is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Mammalogy, Ornithology and Herpetology, Insect Ecology and Behaviour. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

11. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/ PROFESSOR - Fisheries and Aquaculture

Applicants must have at least a Masters or PhD degree in Fisheries, Aquaculture, Aquatic Ecology or related fields, and an undergraduate degree in Biology, Ecology, Animal science, Wildlife or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Fish Taxonomy and Biology, Fish Farming and Fish Breeding and Limnology. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

12. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/PROFESSOR - Forestry

Applicants must have at least a Masters or PhD degree in the field of Forestry, Natural Resources, Agricultural Sciences, Environmental Sciences or related discipline. A Bachelor's degree in Forestry, Natural Resources, Environmental Science or equivalent field is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Fire Ecology, Apiculture. Forestry Resources Management. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

13. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/ PROFESSOR - Earth Observation Science

Qualifications and Experience

The ideal candidate must have a minimum of Masters or PhD degree in Earth Sciences, Agricultural Sciences, Environmental Sciences or related fields. A Bachelor's degree in Geography, Geoinformatics, GIS, Management Information Systems, Agriculture or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Hyperspectral Remote Sensing, GIS Applications in Agriculture, Forest Carbon Mapping and Modelling. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

14. LECTURER/SENIOR LECTURER/ASSOCIATE PROFESSOR/PROFESSOR - Geodatabases and Programming

Qualifications and Experience

The ideal candidate must have a minimum of Masters or PhD degree in Geo-Information and Earth Observation Sciences, Geoinformatics, Computer Science, ICT, or related fields. A Bachelor's degree in Computer Science, Geography, GIS or equivalent fields is a must.

Duties and Responsibilities

The successful candidate will be expected to provide academic leadership to the Department/Institute, guide and contribute to basic and applied research, innovation and

industrialisation programmes in the Department/Institute as well as teach the following courses at Undergraduate and Postgraduate level: Geodatabases and Web GIS, Algorithms in GIS Modelling, Computer Programming for GIS. In addition, the candidate will be expected to coordinate and participate in the supervision of Undergraduate and Postgraduate research students. University teaching is an added advantage.

CONDITIONS OF SERVICE

Information on salary and other benefits will be made available to shortlisted candidates.

APPLICATIONS

Applicants must submit six (6) sets of applications which should include the application letter, certified copies of certificates, national identification, birth certificate and detailed Curriculum Vitae giving full personal details including full names, place and date of birth, qualifications, experience, present salary, date of availability, contact details, names, addresses and email addresses of three referees. Applications in envelopes clearly indicating post applied for should be addressed to:

The Acting Deputy Registrar, Human Resources
Marondera University of Agricultural Sciences and Technology
P.O Box 35
MARONDERA

Hand deliver to or send by courier to:

Marondera University of Agricultural Sciences and Technology
CSC Campus, Industrial Sites
15 Longlands Road
MARONDERA

The closing date for receipt of applications is **Tuesday, 20 September 2022**. Only shortlisted candidates will be contacted.

The University does not charge applicants a fee at any stage of the recruitment process and does not have Agents who receive applications on its behalf.