



Lupane State University

Building Communities through Knowledge

VACANCY NOTICE

Applications are invited from suitably qualified and experienced candidates for the following posts:

1. FACULTY OF AGRICULTURAL SCIENCES

1.1 Department of Crop and Soil Sciences

Temporary Fulltime (1 Year)

Lectureship/Senior Lectureship/Associate Professorship/Professorship (1 Post)

Qualifications

- Ideally, the successful candidate should possess a minimum of at least, a Master's Degree in Crop Science or related field with a merit, and first degree in Crop Science with a class 2.1 or better. A PhD in Crop Science or related field and teaching experience at tertiary level will be an added advantage.

Duties and Responsibilities

- The candidate should be able to supervise students' research/ design projects and teach at least four modules in the following areas: Plant Pathology, Plant Physiology, Principles of Crop Production, Annual Crop Production, Perennial Crop Production, Fruit Production.
- Teach undergraduate and postgraduate levels;
- Supervising undergraduate and postgraduate research projects;
- Participating in outreach programmes related to Crop Production;
- Sourcing research funding for the Department;
- Conduct and publish research.

1.2 Department of Crop and Soil Sciences, Irrigation Engineering

Temporary Fulltime (1 Year)

Lectureship/Senior Lectureship/Associate Professorship/Professorship (1 Post)

Ideally, the successful candidate should possess a Masters' Degree in Irrigation Engineering , Irrigation Water Management, Water Resources Management with a merit or related field and first degree in Irrigation Engineering, Irrigation Water Management, Water Resources Management with a grade of 2.1 or better. A PhD in Irrigation Engineering, Water Resources Management or related field and teaching experience at tertiary level will be an added advantage.

Duties and Responsibilities

- The candidate should be able to supervise students' research/design projects and teach at least four modules in one of the following areas: Engineering Mechanics, Fundamentals of Electrical Engineering, Computer aided Drawing, Electrical Power Systems, Pump Technology, Engineering Materials.
- Teach undergraduate and postgraduate levels;
- Supervising undergraduate and postgraduate research projects;
- Participating in outreach programmes related to Irrigation development;
- Sourcing research funding for the Department;
- Conduct and publish research.

1.3 Department of Animal Science and Rangeland Management

Temporary Fulltime (1 Year)

Lectureship/Senior Lectureship/Associate Professorship/Professorship (1 Post)

Qualifications

- Applicants must possess a relevant Master's Degree with merit or better in Molecular Biology/Biotechnology and a BSc Honours in Animal Science/ Applied Biotechnology Sciences with a 2.1 or better. Applicants must have strong research mentoring skills and the ability to attract and manage research grants. Preference will be given to applicants with a proven record of publications in refereed scientific journals. A relevant PhD will be an added advantage.

Duties and Responsibilities

- The candidate should be able to supervise students' research/ design projects and teach at least four modules per semester at undergraduate and postgraduate level in the following areas: Biochemistry, Molecular Biology, Molecular Biotechnology, Bioinformatics and Proteomics, Animal Biotechnology and Genomics;
- Participating in income generation;
- Participating in outreach activities in the agricultural sector;
- Ability to innovate and facilitate service delivery.

2. FACULTY OF COMMERCE

2.1 Department of Accounting and Finance

Temporary Fulltime (1 Year)

Lectureship/Senior Lectureship/Associate Professorship/Professorship (1 Post)

Qualifications

- Applicants must hold a Master's Degree in Finance, Finance and Investments, Banking and Finance or related subject area and a good Bachelor of Commerce Honours Degree in Finance, Banking and Finance or related subject area passed with at least an upper second class (2.1). A relevant PhD or Industrial/teaching experience would be a distinct advantage.

Duties and Responsibilities

- Lecturing of undergraduate levels on subject areas of: Financial Risk Management, Financial Risk Modelling, Bank Regulation and Supervision, Financial Engineering, Financial Econometrics, Structured Finance, Banking Information Systems, Derivatives Securities, Treasury Management; and International Banking;
- Participating in community outreach activities;
- Participating in income generating activities;
- Conducting research;
- Production of goods and services.

2.2 Department of Accounting and Finance

Temporary Fulltime (1 Year)

Lectureship/Senior Lectureship/Associate Professorship/Professorship (1 Post)

Qualifications

- Applicants must hold a Master's Degree in Real Estate Management or related subject area and a good Bachelor of Commerce Honours Degree in Real Estate Management or related subject area passed with at least an upper second class (2.1). A relevant PhD or industrial/teaching experience would be a distinct advantage.

Duties and Responsibilities

- Lecturing of undergraduate levels on subject areas of: Property Valuation, International Real Estate Business Management, Real Estate Brokerage Management, Real Estate Taxation, Agricultural Law and Valuation, Land Economics, Rural and Urban Planning, Building Systems and Services, Building Construction, Geographical Information Systems, Real Estate Taxation.
- Participating in community outreach activities;
- Participating in income generating activities;
- Conducting research;
- Production of goods and services.

2.3 Department of Business Management

Temporary Fulltime (1 Year)

Lectureship/Senior Lectureship/Associate Professorship/Professorship (1 Post)

Qualifications

- Applicants should hold a good Master's Degree in Entrepreneurship, Business Innovation or related subject area and a Bachelor of Commerce/Bachelor of Science Honours Degree in Entrepreneurship passed with at least an upper second class (2.1) or better. A relevant PhD would be a distinct advantage. A minimum of one year teaching and industry experience

Duties and Responsibilities

- Lecturing of undergraduate levels on the following areas: Principles of Management, Business and its Environment, Principles of Entrepreneurship, Production and Operations Management, Strategic Management, Small Business Management, New

Product Development, Venture Creation, Innovation and Technopreneurship, E-Business and Entrepreneurial Finance.

- Participating in community outreach activities;
- Participating in income generating activities;
- Conducting research;
- Production of goods and services.

3. FACULTY OF ENGINEERING AND APPLIED SCIENCES

3.1 Department of Production Engineering

Post A: Engineering Mathematics

Temporary Fulltime (1 Year)

Professorship/Associate Professorship/Senior Lectureship/Lectureship (1 Post)

Qualifications and Experience

Prospective candidates must possess a relevant Master's degree with a Merit or better, a first degree specialising in Applied or Pure Mathematics and Statistics with a 2.1 or better; with considerable teaching and research experience and a proven record of publications in refereed scientific journals. A PhD will be an added advantage.

Duties and Responsibilities

The successful candidate must be capable of supervising undergraduate students' research work, assess students on industrial attachment and should be able to teach the following modules at undergraduate level:-

- Engineering Mathematics, Statistics, Discrete Mathematics and Mathematical Foundation of Computing across the Faculty.
- Attract and manage research grants.
- Participating in outreach activities in the production engineering sector.
- Participation in income generation.
- Ability to innovate and facilitate service delivery.

Post B: Engineering Materials/Materials Technology

Temporary Fulltime (1 Year)

Professorship/Associate Professorship/Senior Lectureship/Lectureship (1 Post)

Qualifications and Experience

Prospective successful candidates must possess an MSc/MEng degree in Mechanical/Metallurgy/Manufacturing and Operations Management or equivalent with a Merit or better, a BSc/BEng Hons degree in Mechanical/Metallurgy/Production/Industrial and Manufacturing Engineering or equivalent with a 2.1 or better; with considerable teaching and research experience and a proven record of publications in refereed scientific journals. A PhD will be an added advantage.

Duties and Responsibilities

The candidate must be capable of supervising undergraduate students' research work, assess students on industrial attachment and should be able to teach the following modules at undergraduate level:-

- Engineering Drawing, CAD/CAM, Engineering Materials, Materials Technology and Strength of Materials.
- Attract and manage research grants.
- Participating in outreach activities in the Engineering Materials/Materials Technology sector.
- Participation in income generation.
- Ability to innovate and facilitate service delivery.

3.2 Department of Information Technology

Post C: Information Technology

Temporary Fulltime (1 Year)

Professorship/Associate Professorship/Senior Lectureship/Lectureship (1 Post)

Qualifications and Experience

Prospective candidates must possess an Master's degree in Information Technology/Computer Science/Information Systems or equivalent with a Merit or better, a BSc Honours Degree in Information Technology/Computer Science/Information Systems or equivalent with a 2.1 or better; with considerable teaching and research experience and a proven record of publications in refereed scientific journals. A PhD will be an added advantage.

Duties and Responsibilities

The successful candidate must be capable of supervising undergraduate students' research work, assess students on industrial attachment and should be able to teach any four (4) of the following modules at undergraduate level:-

- Parallel Computing, Mobile Computing, Wireless Communication, Distributed Systems, Computer Architecture, Neural Networks and Fuzzy Logic and Data Science.
- Attract and manage research grants.
- Participating in outreach activities in the Information Technology sector.
- Participation in income generation.
- Ability to innovate and facilitate service delivery.

Department of Information Technology

Post D: Information Technology

Temporary Fulltime (1 Year)

Professorship/Associate Professorship/Senior Lectureship/Lectureship (1 Post)

Qualifications and Experience

Prospective candidates must possess an MSc degree in Information Technology/Computer Science/Information Systems or equivalent with a Merit or better, a BSc Hons degree in Information Technology/Computer Science/Information Systems or equivalent with a 2.1 or better; with considerable teaching and research experience and a proven record of publications in refereed scientific journals. A PhD will be an added advantage.

Duties and Responsibilities

The successful candidate must be capable of supervising undergraduate students' research work, assess students on industrial attachment and should be able to teach any four (4) of the following modules at undergraduate level:-

- Information Systems Auditing, Information Security, Application Integration, Information Systems Strategy, and Mobile Application Development, Virtual Reality, Human Computer Integration, Network and Server Administration.
- Attract and manage research grants.
- Participating in outreach activities in the Information Technology sector.
- Participation in income generation.
- Ability to innovate and facilitate service delivery.

Personal Attributes

The Faculty of Engineering and Applied Sciences places high priority on individuals who can work well in a team environment. Candidates should possess good communication and interpersonal skills. A good command of both the oral and written English Language is essential. Candidates must also be;

- Able to contribute significantly to the teaching, research and curriculum development.
- Able to facilitate student centred learning.

APPLICATIONS

Interested and qualified persons should send one set of their application in a single pdf file clearly indicating the position being applied for in the subject line to erecruitment@lsu.ac.zw. The application should consist of the application letter, certified copies of educational and professional certificates, transcripts and Curriculum Vitae giving full personal details including full names, place and date of birth, qualifications, experience, present salary, date of availability, names, e-mail addresses and telephone numbers of at least three referees.

The closing date for the receipt of applications is Friday, 08 April 2022. **Only shortlisted candidates will be contacted.**