

UNIVERSITY OF DAR ES SALAAM



CALL FOR APPLICATION FOR THE PhD PROGRAMME IN OPERATIONS RESEARCH (PhD OR) March 2017 Intake

Background

The University of Dar es Salaam in collaboration with the University of Nairobi and the University of Makerere under the auspices of Operations Research Society of Eastern Africa (ORSEA) is seeking to recruit students in a newly launched PhD programme in Operations Research. Upon successful completion of both coursework and the dissertation, the student will be conferred the PhD in Operations Research from the University of Dar es Salaam.

Description of the Programme

PhD in Operations Research is a four years programme by coursework of which one and half years is for coursework and two and half years is for the dissertation. It is one of its kind in the Eastern African region which has been established by the University of Dar es Salaam, University of Nairobi and the University of Makerere as a response to the growing needs in both public and private sector for people with analytical skills to support and improve decision making in areas such as business analytics, marketing analysis, logistics planning, decisions analysis, production planning and engineering design.

During the coursework phase, the students will be trained on various aspects, including statistical decision-making tools, deterministic operations research techniques, stochastic operations research techniques, mathematical modelling, research methods and special Operations Research topics in transportation, marketing, management information systems and finance.

The objective of this programme is to provide graduates with the cutting-edge operations research tools and knowledge needed to compete in the market place. The graduates are expected to have a high level of knowledge in analysing various operations research related problems in their work environment, and applies appropriate operations research

techniques, and conduct training and advocacy activities from their operations research findings.

Eligibility Criteria

The PhD programme in OR is open to people with variety of backgrounds in management, science and economics, including but not limited to engineering, mathematics, computer sciences, management sciences, architecture, natural sciences, medicine and social sciences. The admission to this programme is in line with the University of Dar es Salaam minimum entry qualification for the PhD programme. The applicants must have a Master's degree of the University of Dar es Salaam and other recognized universities, including but not limited to the University of Nairobi and Makerere University.

Application requirements

Please open our web page www.udbs.udsm.ac.tz and follow the 'Postgraduate Online Admission' link. The application should include the following:

- A motivation letter
- Short concept note on the area in which you aspire to do your dissertation
- Latest curriculum vitae (CV)
- Three reference letters
- Commitment letter
- All application requirements must be written in English language
- Women are highly encouraged to apply

Deadline and Contacts:

The starting date for application is **12th September 2016** and the closing date is **15th January 2017** midnight. For any inquiry concerning this program, please contact:

The Dean,
University of Dar es Salaam Business School (UDBS),
P.O. Box 35046,
Dar es Salaam.
Tel: + 255 22 2410006,
Email: dean@udbs.udsm.ac.tz
Website: www.udbs.udsm.ac.tz